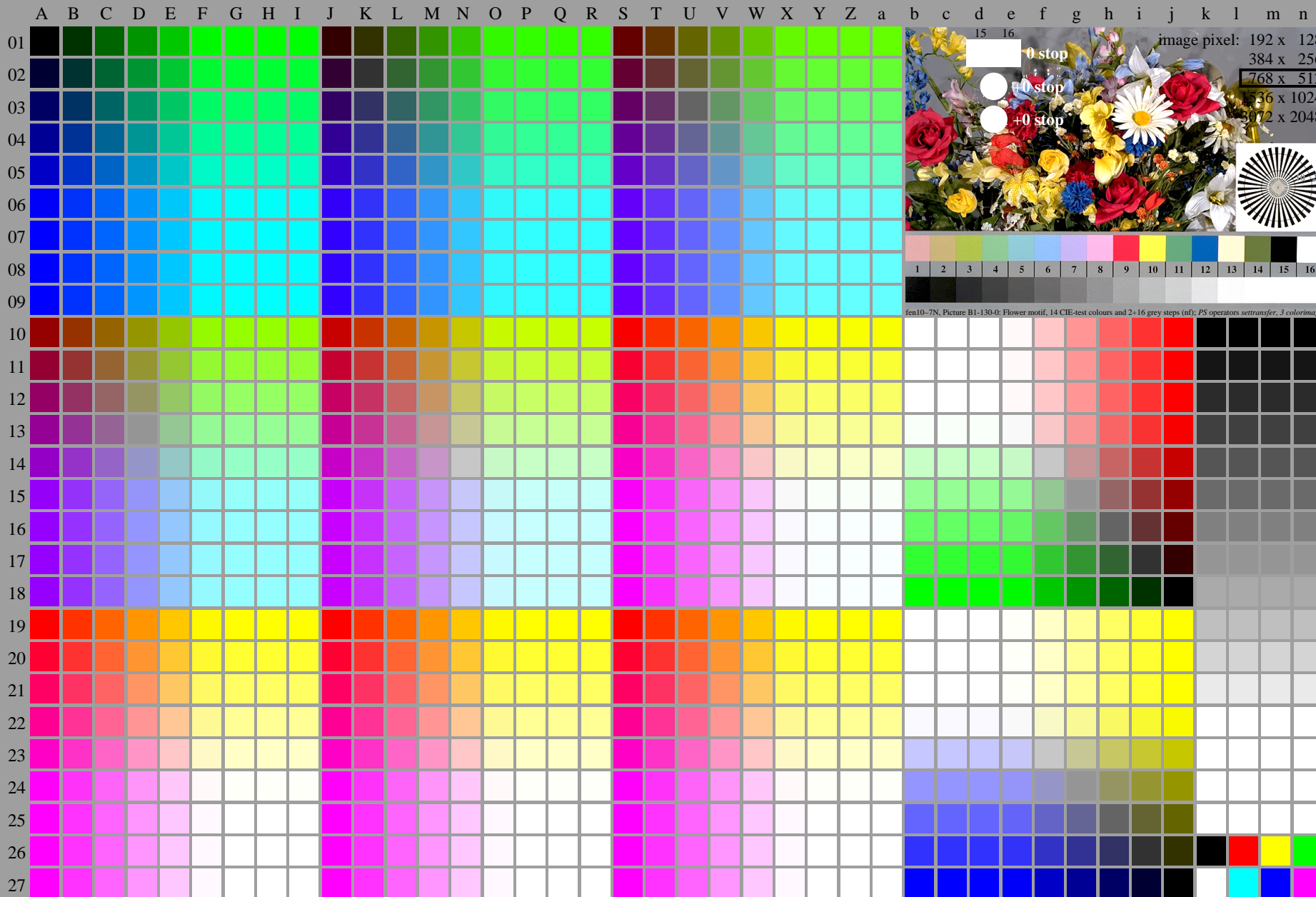


<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG; start output
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>



TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, colorm = 1, xchart = 0, pchart = 0

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130-0$

http://farbe.li.tu-berlin.de/fen1/fen10fa.txt /ps; only vector graphic VG; start output
see separate images of this page: http://farbe.li.tu-berlin.de/fen1/fen1.htm

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/AV3872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen10fa.txt .ps
application for evaluation and measurement of display or print output

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01	0009 B01	0018 C01	0027 D01	0036 E01	0045 F01	0054 G01	0063 H01	0072 I01	0081 J01	0090 K01	0099 L01	0108 M01	0117 N01	0126 O01	0135 P01	0144 Q01	0153 R01	0162 S01	0171 T01	0180 U01	0189 V01	0198 W01	0207 X01	0216 Y01	0225 Z01	0234 a01	0243 b01	0252 c01	0261 d01	0270 e01	0279 f01	0288 g01	0297 h01	0306 i01	0315 j01	0324 k01	0333 l01	0342 m01	0351 n01
02	0001 A02	0010 B02	0019 C02	0028 D02	0037 E02	0046 F02	0055 G02	0064 H02	0073 I02	0082 J02	0091 K02	0100 L02	0109 M02	0118 N02	0127 O02	0136 P02	0145 Q02	0154 R02	0163 S02	0172 T02	0181 U02	0190 V02	0199 W02	0208 X02	0217 Y02	0226 Z02	0235 a02	0244 b02	0253 c02	0262 d02	0271 e02	0280 f02	0289 g02	0298 h02	0307 i02	0316 j02	0325 k02	0334 l02	0343 m02	0352 n02
03	0002 A03	0011 B03	0020 C03	0029 D03	0038 E03	0047 F03	0056 G03	0065 H03	0074 I03	0083 J03	0092 K03	0101 L03	0110 M03	0119 N03	0128 O03	0137 P03	0146 Q03	0155 R03	0164 S03	0173 T03	0182 U03	0191 V03	0200 W03	0209 X03	0218 Y03	0227 Z03	0236 a03	0245 b03	0254 c03	0263 d03	0272 e03	0281 f03	0290 g03	0299 h03	0308 i03	0317 j03	0326 k03	0335 l03	0344 m03	0353 n03
04	0003 A04	0012 B04	0021 C04	0030 D04	0039 E04	0048 F04	0057 G04	0066 H04	0075 I04	0084 J04	0093 K04	0102 L04	0111 M04	0120 N04	0129 O04	0138 P04	0147 Q04	0156 R04	0165 S04	0174 T04	0183 U04	0192 V04	0201 W04	0210 X04	0219 Y04	0228 Z04	0237 a04	0246 b04	0255 c04	0264 d04	0273 e04	0282 f04	0291 g04	0300 h04	0309 i04	0318 j04	0327 k04	0336 l04	0345 m04	0354 n04
05	0004 A05	0013 B05	0022 C05	0031 D05	0040 E05	0049 F05	0058 G05	0067 H05	0076 I05	0085 J05	0094 K05	0103 L05	0112 M05	0121 N05	0130 O05	0139 P05	0148 Q05	0157 R05	0166 S05	0175 T05	0184 U05	0193 V05	0202 W05	0211 X05	0220 Y05	0229 Z05	0238 a05	0247 b05	0256 c05	0265 d05	0274 e05	0283 f05	0292 g05	0301 h05	0310 i05	0319 j05	0328 k05	0337 l05	0346 m05	0355 n05
06	0005 A06	0014 B06	0023 C06	0032 D06	0041 E06	0050 F06	0059 G06	0068 H06	0077 I06	0086 J06	0095 K06	0104 L06	0113 M06	0122 N06	0131 O06	0140 P06	0149 Q06	0158 R06	0167 S06	0176 T06	0185 U06	0194 V06	0203 W06	0212 X06	0221 Y06	0230 Z06	0239 a06	0248 b06	0257 c06	0266 d06	0275 e06	0284 f06	0293 g06	0302 h06	0311 i06	0320 j06	0329 k06	0338 l06	0347 m06	0356 n06
07	0006 A07	0015 B07	0024 C07	0033 D07	0042 E07	0051 F07	0060 G07	0069 H07	0078 I07	0087 J07	0096 K07	0105 L07	0114 M07	0123 N07	0132 O07	0141 P07	0150 Q07	0159 R07	0168 S07	0177 T07	0186 U07	0195 V07	0204 W07	0213 X07	0222 Y07	0231 Z07	0240 a07	0249 b07	0258 c07	0267 d07	0276 e07	0285 f07	0294 g07	0303 h07	0312 i07	0321 j07	0330 k07	0339 l07	0348 m07	0357 n07
08	0007 A08	0016 B08	0025 C08	0034 D08	0043 E08	0052 F08	0061 G08	0070 H08	0079 I08	0088 J08	0097 K08	0106 L08	0115 M08	0124 N08	0133 O08	0142 P08	0151 Q08	0160 R08	0169 S08	0178 T08	0187 U08	0196 V08	0205 W08	0214 X08	0223 Y08	0232 Z08	0241 a08	0250 b08	0259 c08	0268 d08	0277 e08	0286 f08	0295 g08	0304 h08	0313 i08	0322 j08	0331 k08	0340 l08	0349 m08	0358 n08
09	0008 A09	0017 B09	0026 C09	0035 D09	0044 E09	0053 F09	0062 G09	0071 H09	0080 I09	0089 J09	0098 K09	0107 L09	0116 M09	0125 N09	0134 O09	0143 P09	0152 Q09	0161 R09	0170 S09	0179 T09	0188 U09	0197 V09	0206 W09	0215 X09	0224 Y09	0233 Z09	0242 a09	0251 b09	0260 c09	0269 d09	0278 e09	0287 f09	0296 g09	0305 h09	0314 i09	0323 j09	0332 k09	0341 l09	0350 m09	0359 n09
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11	0010 A11	0019 B11	0028 C11	0037 D11	0046 E11	0055 F11	0064 G11	0073 H11	0082 I11	0091 J11	0100 K11	0109 L11	0118 M11	0127 N11	0136 O11	0145 P11	0154 Q11	0163 R11	0172 S11	0181 T11	0190 U11	0199 V11	0208 W11	0217 X11	0226 Y11	0235 Z11	0244 a11	0253 b11	0262 c11	0271 d11	0280 e11	0289 f11	0298 g11	0307 h11	0316 i11	0325 j11	0334 k11	0343 l11	0352 m11	0361 n11
12	0011 A12	0020 B12	0029 C12	0038 D12	0047 E12	0056 F12	0065 G12	0074 H12	0083 I12	0092 J12	0101 K12	0110 L12	0119 M12	0128 N12	0137 O12	0146 P12	0155 Q12	0164 R12	0173 S12	0182 T12	0191 U12	0200 V12	0209 W12	0218 X12	0227 Y12	0236 Z12	0245 a12	0254 b12	0263 c12	0272 d12	0281 e12	0290 f12	0299 g12	0308 h12	0317 i12	0326 j12	0335 k12	0344 l12	0353 m12	0362 n12
13	0012 A13	0021 B13	0030 C13	0039 D13	0048 E13	0057 F13	0066 G13	0075 H13	0084 I13	0093 J13	0102 K13	0111 L13	0120 M13	0129 N13	0138 O13	0147 P13	0156 Q13	0165 R13	0174 S13	0183 T13	0192 U13	0201 V13	0210 W13	0219 X13	0228 Y13	0237 Z13	0246 a13	0255 b13	0264 c13	0273 d13	0282 e13	0291 f13	0300 g13	0309 h13	0318 i13	0327 j13	0336 k13	0345 l13	0354 m13	0363 n13
14	0013 A14	0022 B14	0031 C14	0040 D14	0049 E14	0058 F14	0067 G14	0076 H14	0085 I14	0094 J14	0103 K14	0112 L14	0121 M14	0130 N14	0139 O14	0148 P14	0157 Q14	0166 R14	0175 S14	0184 T14	0193 U14	0202 V14	0211 W14	0220 X14	0229 Y14	0238 Z14	0247 a14	0256 b14	0265 c14	0274 d14	0283 e14	0292 f14	0301 g14	0310 h14	0319 i14	0328 j14	0337 k14	0346 l14	0355 m14	0364 n14
15	0014 A15	0023 B15	0032 C15	0041 D15	0050 E15	0059 F15	0068 G15	0077 H15	0086 I15	0095 J15	0104 K15	0113 L15	0122 M15	0131 N15	0140 O15	0149 P15	0158 Q15	0167 R15	0176 S15	0185 T15	0194 U15	0203 V15	0212 W15	0221 X15	0230 Y15	0239 Z15	0248 a15	0257 b15	0266 c15	0275 d15	0284 e15	0293 f15	0302 g15	0311 h15	0320 i15	0329 j15	0338 k15	0347 l15	0356 m15	0365 n15
16	0015 A16	0024 B16	0033 C16	0042 D16	0051 E16	0060 F16	0069 G16	0078 H16	0087 I16	0096 J16	0105 K16	0114 L16	0123 M16	0132 N16	0141 O16	0150 P16	0159 Q16	0168 R16	0177 S16	0186 T16	0195 U16	0204 V16	0213 W16	0222 X16	0231 Y16	0240 Z16	0249 a16	0258 b16	0267 c16	0276 d16	0285 e16	0294 f16	0303 g16	0312 h16	0321 i16	0330 j16	0339 k16	0348 l16	0357 m16	0366 n16
17	0016 A17	0025 B17	0034 C17	0043 D17	0052 E17	0061 F17	0070 G17	0079 H17	0088 I17	0097 J17	0106 K17	0115 L17	0124 M17	0133 N17	0142 O17	0151 P17	0160 Q17	0169 R17	0178 S17	0187 T17	0196 U17	0205 V17	0214 W17	0223 X17	0232 Y17	0241 Z17	0250 a17	0259 b17	0268 c17	0277 d17	0286 e17	0295 f17	0304 g17	0313 h17	0322 i17	0331 j17	0340 k17	0349 l17	0358 m17	0367 n17
18	0017 A18	0026 B18	0035 C18	0044 D18	0053 E18	0062 F18	0071 G18	0080 H18	0089 I18	0098 J18	0107 K18	0116 L18	0125 M18	0134 N18	0143 O18	0152 P18	0161 Q18	0170 R18	0179 S18	0188 T18	0197 U18	0206 V18	0215 W18	0224 X18	0233 Y18	0242 Z18	0251 a18	0260 b18	0269 c18	0278 d18	0287 e18	0296 f18	0305 g18	0314 h18	0323 i18	0332 j18	0341 k18	0350 l18	0359 m18	0368 n18
19	0018 A19	0027 B19	0036 C19	0045 D19	0054 E19	0063 F19	0072 G19	0081 H19	0090 I19	0099 J19	0108 K19	0117 L19	0126 M19	0135 N19	0144 O19	0153 P19	0162 Q19	0171 R19	0180 S19	0189 T19	0198 U19	0207 V19	0216 W19	0225 X19	0234 Y19	0243 Z19	0252 a19	0261 b19	0270 c19	0279 d19	0288 e19	0297 f19	0306 g19	0315 h19	0324 i19	0333 j19	0342 k19	0351 l19	0360 m19	0369 n19
20	0019 A20	0028 B20	0037 C20	0046 D20	0055 E20	0064 F20	0073 G20	0082 H20	0091 I20	0100 J20	0109 K20	0118 L20	0127 M20	0136 N20	0145 O20	0154 P20	0163 Q20	0172 R20	0181 S20	0190 T20	0199 U20	0208 V20	0217 W20	0226 X20	0235 Y20	0244 Z20	0253 a20	0262 b20	0271 c20	0280 d20	0289 e20	0298 f20	0307 g20	0316 h20	0325 i20	0334 j20	0343 k20	0352 l20	0361 m20	0370 n20
21	0020 A21	0029 B21	0038 C21	0047 D21	0056 E21	0065 F21	0074 G21	0083 H21	0092 I21	0101 J21	0110 K21	0119 L21	0128 M21	0137 N21	0146 O21	0155 P21	0164 Q21	0173 R21	0182 S21	0191 T21	0200 U21	0209 V21	0218 W21	0227 X21	0236 Y21	0245 Z21	0254 a21	0263 b21	0272 c21	0281 d21	0290 e21	0299 f21	0308 g21	0317 h21	0326 i21	0335 j21	0344 k21	0353 l21	0362 m21	0371 n21
22	0021 A22	0030 B22	0039 C22	0048 D22	0057 E22	0066 F22	0075 G22	0084 H22	0093 I22	0102 J22	0111 K22	0120 L22	0129 M22	0138 N22	0147 O22	0156 P22	0165 Q22	0174 R22	0183 S22	0192 T22	0201 U22	0210 V22	0219 W22	0228 X22	0237 Y22	0246 Z22	0255 a22	0264 b22	0273 c22	0282 d22	0291 e22	0300 f22	0309 g22	0318 h22	0327 i22	0336 j22	0345 k22	0354 l22	0363 m22	0372 n22
23	0022 A23	0031 B23	0040 C23	0049 D23	0058 E23	0067 F23	0076 G23	0085 H23	0094 I23	0103 J23	0112 K23	0121 L23	0130 M23	0139 N23	0148 O23	0157 P23	0166 Q23	0175 R23	0184 S23	0193 T23	0202 U23	0211 V23	0220 W23	0229 X23	0238 Y23	0247 Z23	0256 a23	0265 b23	0274 c23	0283 d23	0292 e23	0301 f23	0310 g23	0319 h23	0328 i23	0337 j23	0346 k23	0355 l23	0364 m23	0373 n23
24	0023 A24	0032 B24	0041 C24	0050 D24	0059 E24	0068 F24	0077 G24	0086 H24	0095 I24	0104 J24	0113 K24	0122 L24	0131 M24	0140 N24	0149 O24	0158 P24	0167 Q24	0176 R24	0185 S24	0194 T24	0203 U24	0212 V24	0221 W24	0230 X24	0239 Y24	0248 Z24	0257 a24	0266 b24	0275 c24	0284 d24	0293 e24	0302 f24	0311 g24	0320 h24	0329 i24	0338 j24	0347 k24	0356 l24	0365 m24	0374 n24
25	002																																							

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 technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	0.0	0.0	0.0	0.0	0.01
2	6.36	0.0	0.07	6.36	0.01
3	12.72	0.0	0.13	12.72	0.01
4	19.08	0.0	0.2	19.08	0.01
5	25.44	0.0	0.27	25.44	0.01
6	31.8	0.0	0.33	31.8	0.01
7	38.16	0.0	0.4	38.16	0.01
8	44.52	0.0	0.47	44.52	0.01
9	50.89	0.0	0.53	50.89	0.01
10	57.25	0.0	0.6	57.25	0.01
11	63.61	0.0	0.67	63.61	0.01
12	69.97	0.0	0.73	69.97	0.01
13	76.33	0.0	0.8	76.33	0.01
14	82.69	0.0	0.87	82.69	0.01
15	89.05	0.0	0.93	89.05	0.01
16	95.41	0.0	1.0	95.41	0.01
17	0.0	0.0	0.0	0.0	0.01
18	23.85	0.0	0.25	23.85	0.01
19	47.71	0.0	0.5	47.71	0.01
20	71.56	0.0	0.75	71.56	0.01
21	95.41	0.0	1.0	95.41	0.01

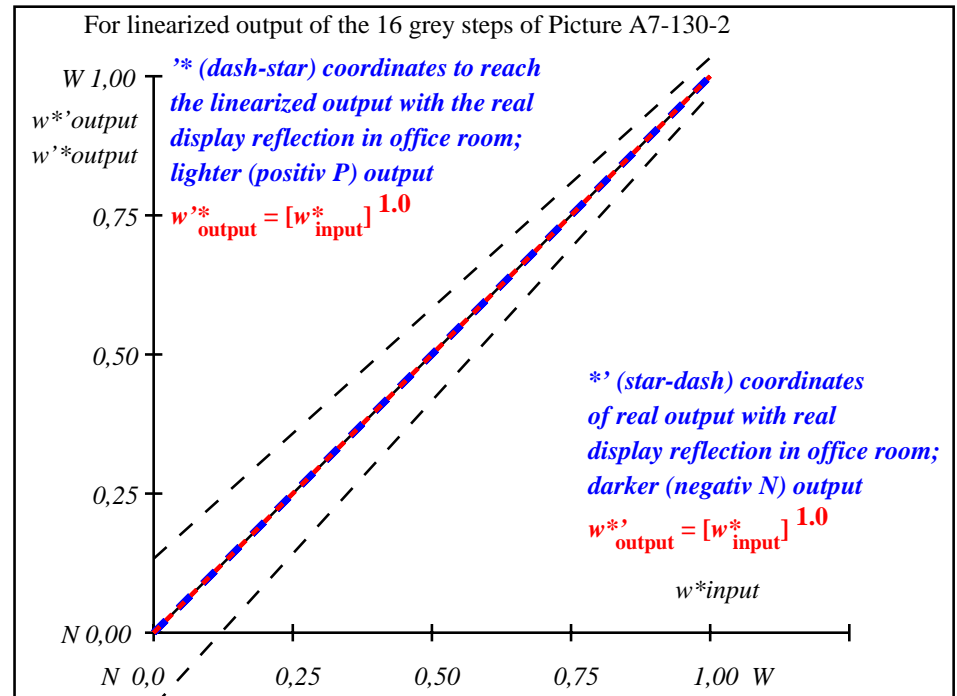
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 0.0$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 0.0$

Mean colour reproduction index: $R^*_{ab,m} = 100$

fen10-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

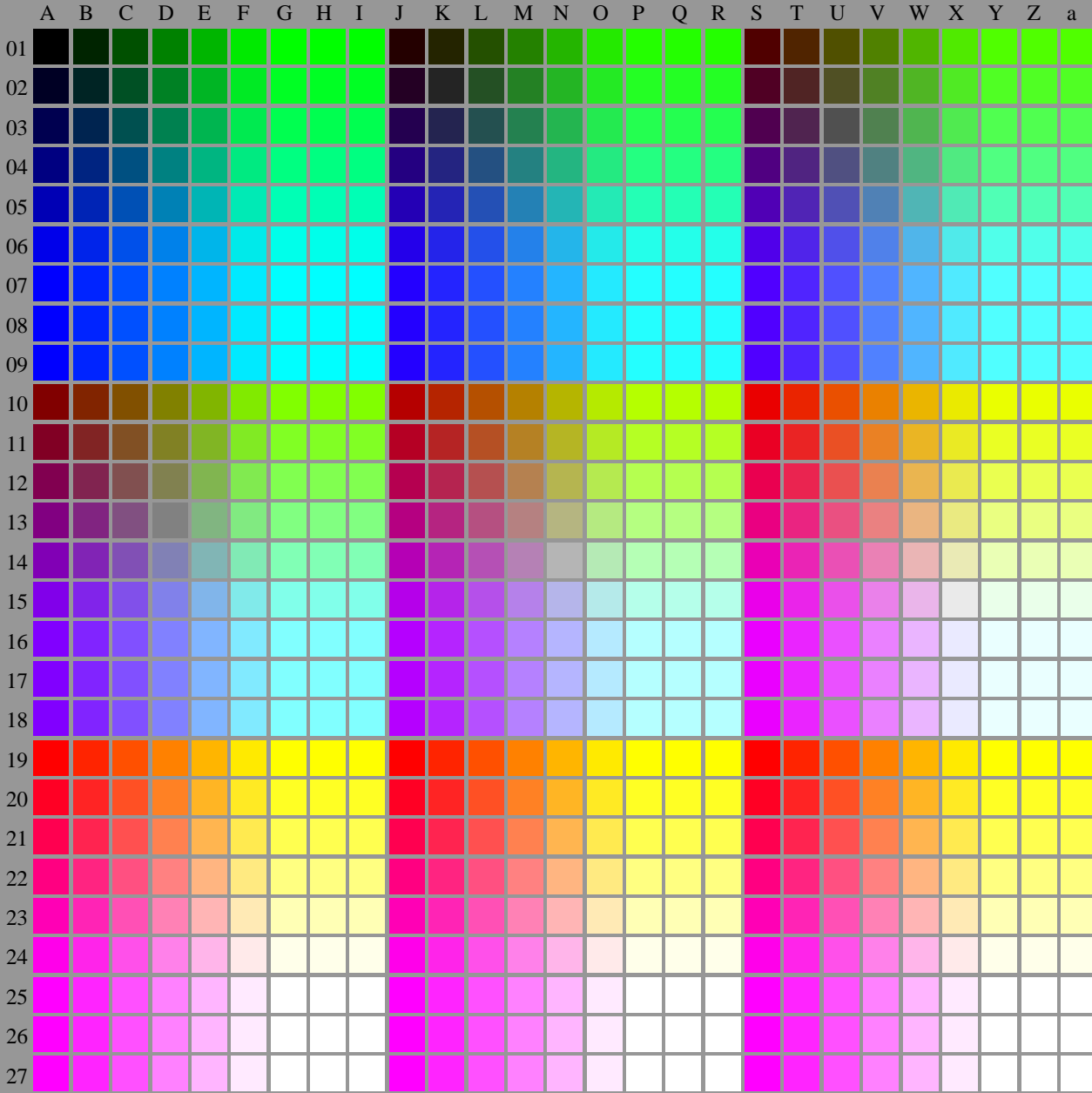
$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.2/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.0/74.3	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=1.0																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0.0	0.067	0.133	0.2	0.267	0.333	0.4	0.467	0.533	0.6	0.667	0.733	0.8	0.867	0.933	1.0

fen10-7N-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46, L-HDR; $\gamma_R=1.25$ ->rgb*d, 130-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>



TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, colorm = 1, xchart = 8, pchart = 0

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130:0$

<http://farbe.li.tu-berlin.de/fen1/fen10fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/3872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01	0009 B01	0018 C01	0027 D01	0036 E01	0045 F01	0054 G01	0063 H01	0072 I01	0081 J01	0090 K01	0099 L01	0108 M01	0117 N01	0126 O01	0135 P01	0144 Q01	0153 R01	0162 S01	0171 T01	0180 U01	0189 V01	0198 W01	0207 X01	0216 Y01	0225 Z01	0234 a01	0243 b01	0252 c01	0261 d01	0270 e01	0279 f01	0288 g01	0297 h01	0306 i01	0315 j01	0324 k01	0333 l01	0342 m01	0351 n01
02	0000 A02	0010 B02	0019 C02	0028 D02	0037 E02	0046 F02	0055 G02	0064 H02	0073 I02	0082 J02	0091 K02	0100 L02	0109 M02	0118 N02	0127 O02	0136 P02	0145 Q02	0154 R02	0163 S02	0172 T02	0181 U02	0190 V02	0199 W02	0208 X02	0217 Y02	0226 Z02	0235 a02	0244 b02	0253 c02	0262 d02	0271 e02	0280 f02	0289 g02	0298 h02	0307 i02	0316 j02	0325 k02	0334 l02	0343 m02	0352 n02
03	0000 A03	0011 B03	0020 C03	0029 D03	0038 E03	0047 F03	0056 G03	0065 H03	0074 I03	0083 J03	0092 K03	0101 L03	0110 M03	0119 N03	0128 O03	0137 P03	0146 Q03	0155 R03	0164 S03	0173 T03	0182 U03	0191 V03	0200 W03	0209 X03	0218 Y03	0227 Z03	0236 a03	0245 b03	0254 c03	0263 d03	0272 e03	0281 f03	0290 g03	0299 h03	0308 i03	0317 j03	0326 k03	0335 l03	0344 m03	0353 n03
04	0000 A04	0012 B04	0021 C04	0030 D04	0039 E04	0048 F04	0057 G04	0066 H04	0075 I04	0084 J04	0093 K04	0102 L04	0111 M04	0120 N04	0129 O04	0138 P04	0147 Q04	0156 R04	0165 S04	0174 T04	0183 U04	0192 V04	0201 W04	0210 X04	0219 Y04	0228 Z04	0237 a04	0246 b04	0255 c04	0264 d04	0273 e04	0282 f04	0291 g04	0300 h04	0309 i04	0318 j04	0327 k04	0336 l04	0345 m04	0354 n04
05	0000 A05	0013 B05	0022 C05	0031 D05	0040 E05	0049 F05	0058 G05	0067 H05	0076 I05	0085 J05	0094 K05	0103 L05	0112 M05	0121 N05	0130 O05	0139 P05	0148 Q05	0157 R05	0166 S05	0175 T05	0184 U05	0193 V05	0202 W05	0211 X05	0220 Y05	0229 Z05	0238 a05	0247 b05	0256 c05	0265 d05	0274 e05	0283 f05	0292 g05	0301 h05	0310 i05	0319 j05	0328 k05	0337 l05	0346 m05	0355 n05
06	0000 A06	0014 B06	0023 C06	0032 D06	0041 E06	0050 F06	0059 G06	0068 H06	0077 I06	0086 J06	0095 K06	0104 L06	0113 M06	0122 N06	0131 O06	0140 P06	0149 Q06	0158 R06	0167 S06	0176 T06	0185 U06	0194 V06	0203 W06	0212 X06	0221 Y06	0230 Z06	0239 a06	0248 b06	0257 c06	0266 d06	0275 e06	0284 f06	0293 g06	0302 h06	0311 i06	0320 j06	0329 k06	0338 l06	0347 m06	0356 n06
07	0000 A07	0015 B07	0024 C07	0033 D07	0042 E07	0051 F07	0060 G07	0069 H07	0078 I07	0087 J07	0096 K07	0105 L07	0114 M07	0123 N07	0132 O07	0141 P07	0150 Q07	0159 R07	0168 S07	0177 T07	0186 U07	0195 V07	0204 W07	0213 X07	0222 Y07	0231 Z07	0240 a07	0249 b07	0258 c07	0267 d07	0276 e07	0285 f07	0294 g07	0303 h07	0312 i07	0321 j07	0330 k07	0339 l07	0348 m07	0357 n07
08	0000 A08	0016 B08	0025 C08	0034 D08	0043 E08	0052 F08	0061 G08	0070 H08	0079 I08	0088 J08	0097 K08	0106 L08	0115 M08	0124 N08	0133 O08	0142 P08	0151 Q08	0160 R08	0169 S08	0178 T08	0187 U08	0196 V08	0205 W08	0214 X08	0223 Y08	0232 Z08	0241 a08	0250 b08	0259 c08	0268 d08	0277 e08	0286 f08	0295 g08	0304 h08	0313 i08	0322 j08	0331 k08	0340 l08	0349 m08	0358 n08
09	0000 A09	0017 B09	0026 C09	0035 D09	0044 E09	0053 F09	0062 G09	0071 H09	0080 I09	0089 J09	0098 K09	0107 L09	0116 M09	0125 N09	0134 O09	0143 P09	0152 Q09	0161 R09	0170 S09	0179 T09	0188 U09	0197 V09	0206 W09	0215 X09	0224 Y09	0233 Z09	0242 a09	0251 b09	0260 c09	0269 d09	0278 e09	0287 f09	0296 g09	0305 h09	0314 i09	0323 j09	0332 k09	0341 l09	0350 m09	0359 n09
10	0000 A10	0018 B10	0027 C10	0036 D10	0045 E10	0054 F10	0063 G10	0072 H10	0081 I10	0090 J10	0099 K10	0108 L10	0117 M10	0126 N10	0135 O10	0144 P10	0153 Q10	0162 R10	0171 S10	0180 T10	0189 U10	0198 V10	0207 W10	0216 X10	0225 Y10	0234 Z10	0243 a10	0252 b10	0261 c10	0270 d10	0279 e10	0288 f10	0297 g10	0306 h10	0315 i10	0324 j10	0333 k10	0342 l10	0351 m10	0360 n10
11	0000 A11	0019 B11	0028 C11	0037 D11	0046 E11	0055 F11	0064 G11	0073 H11	0082 I11	0091 J11	0100 K11	0109 L11	0118 M11	0127 N11	0136 O11	0145 P11	0154 Q11	0163 R11	0172 S11	0181 T11	0190 U11	0199 V11	0208 W11	0217 X11	0226 Y11	0235 Z11	0244 a11	0253 b11	0262 c11	0271 d11	0280 e11	0289 f11	0298 g11	0307 h11	0316 i11	0325 j11	0334 k11	0343 l11	0352 m11	0361 n11
12	0000 A12	0020 B12	0029 C12	0038 D12	0047 E12	0056 F12	0065 G12	0074 H12	0083 I12	0092 J12	0101 K12	0110 L12	0119 M12	0128 N12	0137 O12	0146 P12	0155 Q12	0164 R12	0173 S12	0182 T12	0191 U12	0200 V12	0209 W12	0218 X12	0227 Y12	0236 Z12	0245 a12	0254 b12	0263 c12	0272 d12	0281 e12	0290 f12	0299 g12	0308 h12	0317 i12	0326 j12	0335 k12	0344 l12	0353 m12	0362 n12
13	0000 A13	0021 B13	0030 C13	0039 D13	0048 E13	0057 F13	0066 G13	0075 H13	0084 I13	0093 J13	0102 K13	0111 L13	0120 M13	0129 N13	0138 O13	0147 P13	0156 Q13	0165 R13	0174 S13	0183 T13	0192 U13	0201 V13	0210 W13	0219 X13	0228 Y13	0237 Z13	0246 a13	0255 b13	0264 c13	0273 d13	0282 e13	0291 f13	0300 g13	0309 h13	0318 i13	0327 j13	0336 k13	0345 l13	0354 m13	0363 n13
14	0000 A14	0022 B14	0031 C14	0040 D14	0049 E14	0058 F14	0067 G14	0076 H14	0085 I14	0094 J14	0103 K14	0112 L14	0121 M14	0130 N14	0139 O14	0148 P14	0157 Q14	0166 R14	0175 S14	0184 T14	0193 U14	0202 V14	0211 W14	0220 X14	0229 Y14	0238 Z14	0247 a14	0256 b14	0265 c14	0274 d14	0283 e14	0292 f14	0301 g14	0310 h14	0319 i14	0328 j14	0337 k14	0346 l14	0355 m14	0364 n14
15	0000 A15	0023 B15	0032 C15	0041 D15	0050 E15	0059 F15	0068 G15	0077 H15	0086 I15	0095 J15	0104 K15	0113 L15	0122 M15	0131 N15	0140 O15	0149 P15	0158 Q15	0167 R15	0176 S15	0185 T15	0194 U15	0203 V15	0212 W15	0221 X15	0230 Y15	0239 Z15	0248 a15	0257 b15	0266 c15	0275 d15	0284 e15	0293 f15	0302 g15	0311 h15	0320 i15	0329 j15	0338 k15	0347 l15	0356 m15	0365 n15
16	0000 A16	0024 B16	0033 C16	0042 D16	0051 E16	0060 F16	0069 G16	0078 H16	0087 I16	0096 J16	0105 K16	0114 L16	0123 M16	0132 N16	0141 O16	0150 P16	0159 Q16	0168 R16	0177 S16	0186 T16	0195 U16	0204 V16	0213 W16	0222 X16	0231 Y16	0240 Z16	0249 a16	0258 b16	0267 c16	0276 d16	0285 e16	0294 f16	0303 g16	0312 h16	0321 i16	0330 j16	0339 k16	0348 l16	0357 m16	0366 n16
17	0000 A17	0025 B17	0034 C17	0043 D17	0052 E17	0061 F17	0070 G17	0079 H17	0088 I17	0097 J17	0106 K17	0115 L17	0124 M17	0133 N17	0142 O17	0151 P17	0160 Q17	0169 R17	0178 S17	0187 T17	0196 U17	0205 V17	0214 W17	0223 X17	0232 Y17	0241 Z17	0250 a17	0259 b17	0268 c17	0277 d17	0286 e17	0295 f17	0304 g17	0313 h17	0322 i17	0331 j17	0340 k17	0349 l17	0358 m17	0367 n17
18	0000 A18	0026 B18	0035 C18	0044 D18	0053 E18	0062 F18	0071 G18	0080 H18	0089 I18	0098 J18	0107 K18	0116 L18	0125 M18	0134 N18	0143 O18	0152 P18	0161 Q18	0170 R18	0179 S18	0188 T18	0197 U18	0206 V18	0215 W18	0224 X18	0233 Y18	0242 Z18	0251 a18	0260 b18	0269 c18	0278 d18	0287 e18	0296 f18	0305 g18	0314 h18	0323 i18	0332 j18	0341 k18	0350 l18	0359 m18	0368 n18
19	0000 A19	0027 B19	0036 C19	0045 D19	0054 E19	0063 F19	0072 G19	0081 H19	0090 I19	0099 J19	0108 K19	0117 L19	0126 M19	0135 N19	0144 O19	0153 P19	0162 Q19	0171 R19	0180 S19	0189 T19	0198 U19	0207 V19	0216 W19	0225 X19	0234 Y19	0243 Z19	0252 a19	0261 b19	0270 c19	0279 d19	0288 e19	0297 f19	0306 g19	0315 h19	0324 i19	0333 j19	0342 k19	0351 l19	0360 m19	0369 n19
20	0000 A20	0028 B20	0037 C20	0046 D20	0055 E20	0064 F20	0073 G20	0082 H20	0091 I20	0100 J20	0109 K20	0118 L20	0127 M20	0136 N20	0145 O20	0154 P20	0163 Q20	0172 R20	0181 S20	0190 T20	0199 U20	0208 V20	0217 W20	0226 X20	0235 Y20	0244 Z20	0253 a20	0262 b20	0271 c20	0280 d20	0289 e20	0298 f20	0307 g20	0316 h20	0325 i20	0334 j20	0343 k20	0352 l20	0361 m20	0370 n20
21	0000 A21	0029 B21	0038 C21	0047 D21	0056 E21	0065 F21	0074 G21	0083 H21	0092 I21	0101 J21	0110 K21	0119 L21	0128 M21	0137 N21	0146 O21	0155 P21	0164 Q21	0173 R21	0182 S21	0191 T21	0200 U21	0209 V21	0218 W21	0227 X21	0236 Y21	0245 Z21	0254 a21	0263 b21	0272 c21	0281 d21	0290 e21	0299 f21	0308 g21	0317 h21	0326 i21	0335 j21	0344 k21	0353 l21	0362 m21	0371 n21
22	0000 A22	0030 B22	0039 C22	0048 D22	0057 E22	0066 F22	0075 G22	0084 H22	0093 I22	0102 J22	0111 K22	0120 L22	0129 M22	0138 N22	0147 O22	0156 P22	0165 Q22	0174 R22	0183 S22	0192 T22	0201 U22	0210 V22	0219 W22	0228 X22	0237 Y22	0246 Z22	0255 a22	0264 b22	0273 c22	0282 d22	0291 e22	0300 f22	0309 g22	0318 h22	0327 i22	0336 j22	0345 k22	0354 l22	0363 m22	0372 n22
23	0000 A23	0031 B23	0040 C23	0049 D23	0058 E23	0067 F23	0076 G23	0085 H23	0094 I23	0103 J23	0112 K23	0121 L23	0130 M23	0139 N23	0148 O23	0157 P23	0166 Q23	0175 R23	0184 S23	0193 T23	0202 U23	0211 V23	0220 W23	0229 X23	0238 Y23	0247 Z23	0256 a23	0265 b23	0274 c23	0283 d23	0292 e23	0301 f23	0310 g23	0319 h23	0328 i23	0337 j23	0346 k23	0355 l23	0364 m23	0373 n23
24	0000 A24	0032 B24	0041 C24	0050 D24	0059 E24	0068 F24	0077 G24	0086 H24	0095 I24	0104 J24	0113 K24	0122 L24	0131 M24	0140 N24	0149 O24	0158 P24	0167 Q24	0176 R24	0185 S24	0194 T24	0203 U24	0212 V24	0221 W24	0230 X24	0239 Y24	0248 Z24	0257 a24	0266 b24	0275 c24	0284 d24	0293 e24	0302 f24	0311 g24	0320 h24	0329 i24	0338 j24	0347 k24	0356 l24	0365 m24	0374 n24
25	0000 A25	0033 B25</																																						

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*	Start output S1
1	5.69	0.0	0.0	5.69	0.0	0.0
2	11.67	0.0	0.04	9.36	0.0	-2.3
3	17.65	0.0	0.09	14.01	0.0	-3.63
4	23.63	0.0	0.15	19.12	0.0	-4.5
5	29.62	0.0	0.21	24.55	0.0	-5.06
6	35.6	0.0	0.27	30.23	0.0	-5.36
7	41.58	0.0	0.34	36.12	0.0	-5.45
8	47.56	0.0	0.41	42.19	0.0	-5.36
9	53.54	0.0	0.48	48.42	0.0	-5.11
10	59.52	0.0	0.55	54.79	0.0	-4.72
11	65.5	0.0	0.62	61.29	0.0	-4.2
12	71.48	0.0	0.69	67.91	0.0	-3.56
13	77.47	0.0	0.77	74.64	0.0	-2.82
14	83.45	0.0	0.84	81.47	0.0	-1.97
15	89.43	0.0	0.92	88.4	0.0	-1.02
16	95.41	0.0	1.0	95.41	0.0	0.0
17	5.69	0.0	0.0	5.69	0.0	0.0
18	28.12	0.0	0.19	23.17	0.0	-4.94
19	50.55	0.0	0.44	45.29	0.0	-5.25
20	72.98	0.0	0.71	69.58	0.0	-3.39
21	95.41	0.0	1.0	95.41	0.0	0.0

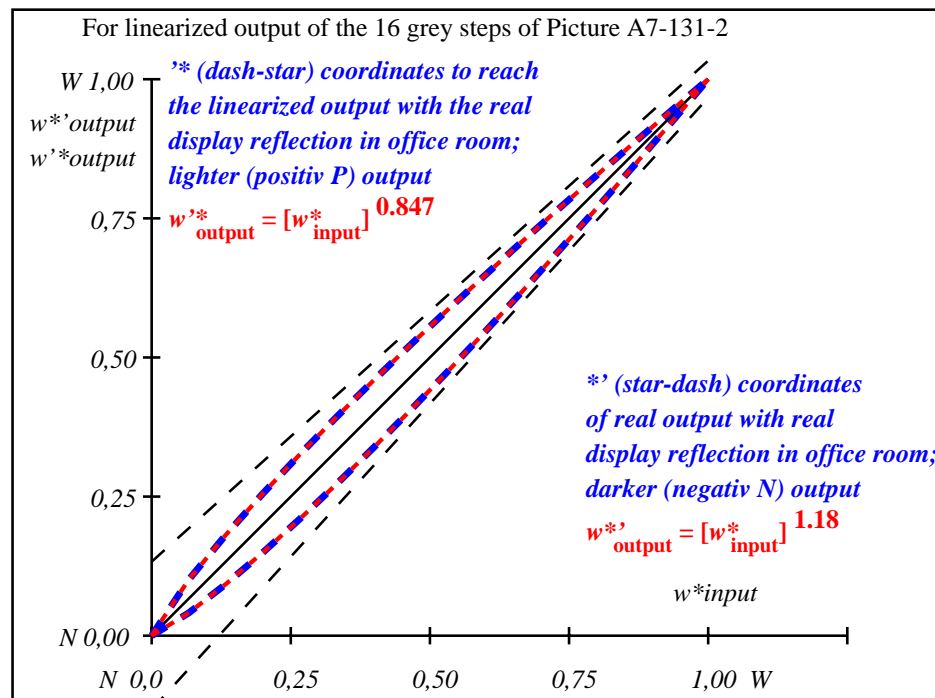
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps) $\Delta E^*_{CIELAB} = 3.4$

Mean lightness difference (5 steps) $\Delta L^*_{CIELAB} = 2.7$

Mean colour reproduction index: $R^*_{ab,m} = 85$

fen10-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

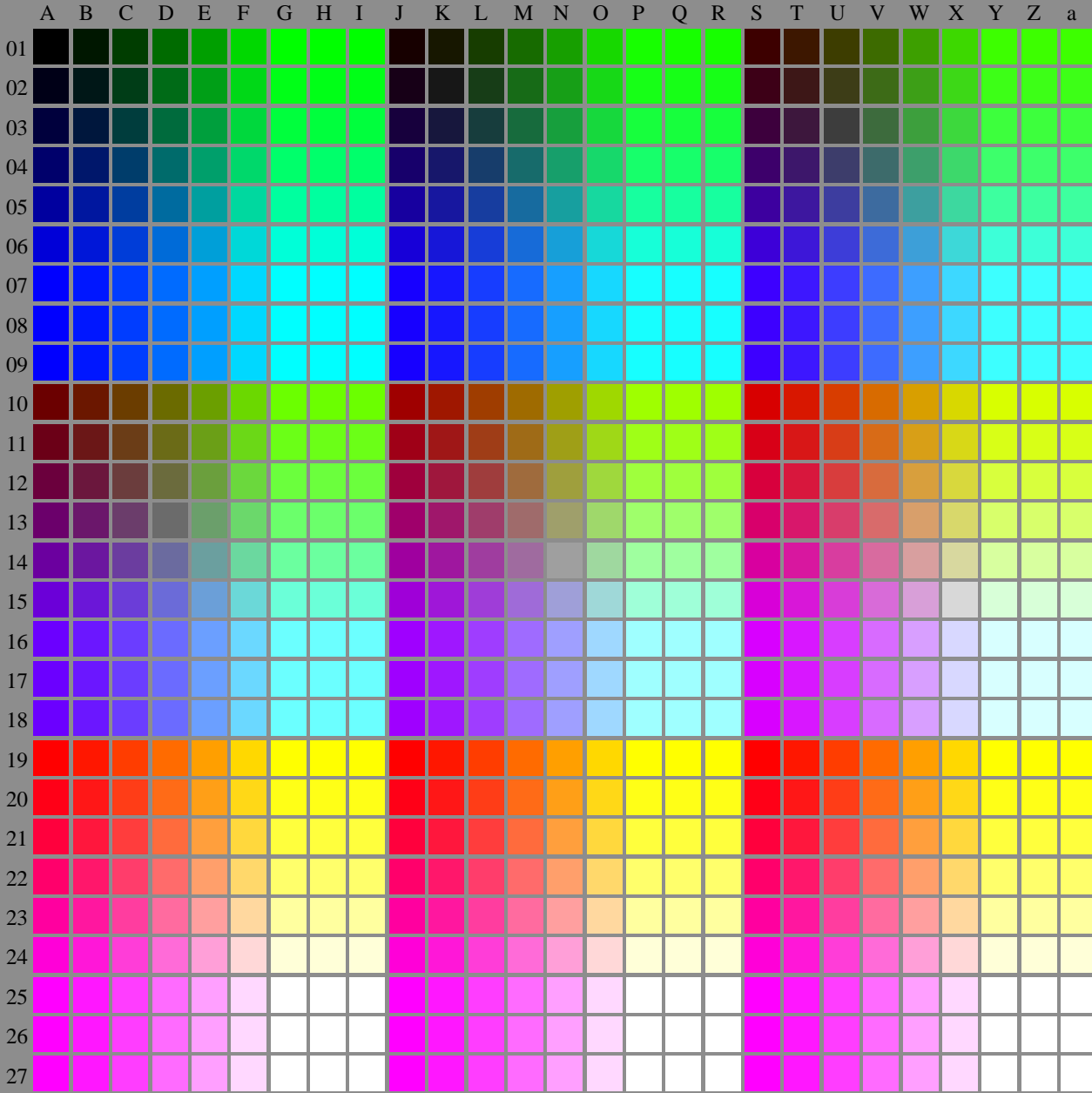
$L^*/Y^*_{intended}$ (absolute)	5.7/0.6	11.7/1.4	17.7/2.4	23.6/4.0	29.6/6.1	35.6/8.8	41.6/12.2	47.6/16.5	53.5/21.5	59.5/27.6	65.5/34.7	71.5/42.9	77.5/52.3	83.4/63.0	89.4/75.1	95.4/88.6
w^*_{setrgb}	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*_{CIELAB, r}$ (relative)	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
$w^*_{intended}$	0.0	0.054	0.113	0.176	0.24	0.305	0.371	0.439	0.506	0.576	0.645	0.715	0.786	0.857	0.928	1.0
w^*_{out}	0.0	0.054	0.113	0.176	0.24	0.305	0.371	0.439	0.506	0.576	0.645	0.715	0.786	0.857	0.928	1.0

fen10-7N-131-2: 16 visual equidistant L^* -grey steps; PS operator: w^*_{setrgb}

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93, L-HDR; $\gamma_R=1.25$ -> $rgb^*_d, 130-2$

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>



TUB registration: 20240301-fen1/fen110fa.txt / .ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, $colorm = 1$, $xchart = 16$, $pchart = 0$

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130:0$

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	10.99	0.0	0.0	10.99 0.0 0.0	0.01
2	16.62	0.0	0.03	13.12 0.0 0.0	3.5
3	22.25	0.0	0.06	16.44 0.0 0.0	5.81
4	27.88	0.0	0.11	20.45 0.0 0.0	7.42
5	33.5	0.0	0.17	24.98 0.0 0.0	8.52
6	39.13	0.0	0.22	29.94 0.0 0.0	9.19
7	44.76	0.0	0.29	35.27 0.0 0.0	9.49
8	50.39	0.0	0.35	40.93 0.0 0.0	9.45
9	56.02	0.0	0.43	46.9 0.0 0.0	9.12
10	61.64	0.0	0.5	53.13 0.0 0.0	8.51
11	67.27	0.0	0.58	59.63 0.0 0.0	7.64
12	72.9	0.0	0.66	66.36 0.0 0.0	6.54
13	78.53	0.0	0.74	73.31 0.0 0.0	5.21
14	84.15	0.0	0.82	80.48 0.0 0.0	3.67
15	89.78	0.0	0.91	87.85 0.0 0.0	1.93
16	95.41	0.0	1.0	95.41 0.0 0.0	0.01
17	10.99	0.0	0.0	10.99 0.0 0.0	0.01
18	32.1	0.0	0.15	23.81 0.0 0.0	8.29
19	53.2	0.0	0.39	43.88 0.0 0.0	9.32
20	74.31	0.0	0.68	68.08 0.0 0.0	6.23
21	95.41	0.0	1.0	95.41 0.0 0.0	0.01

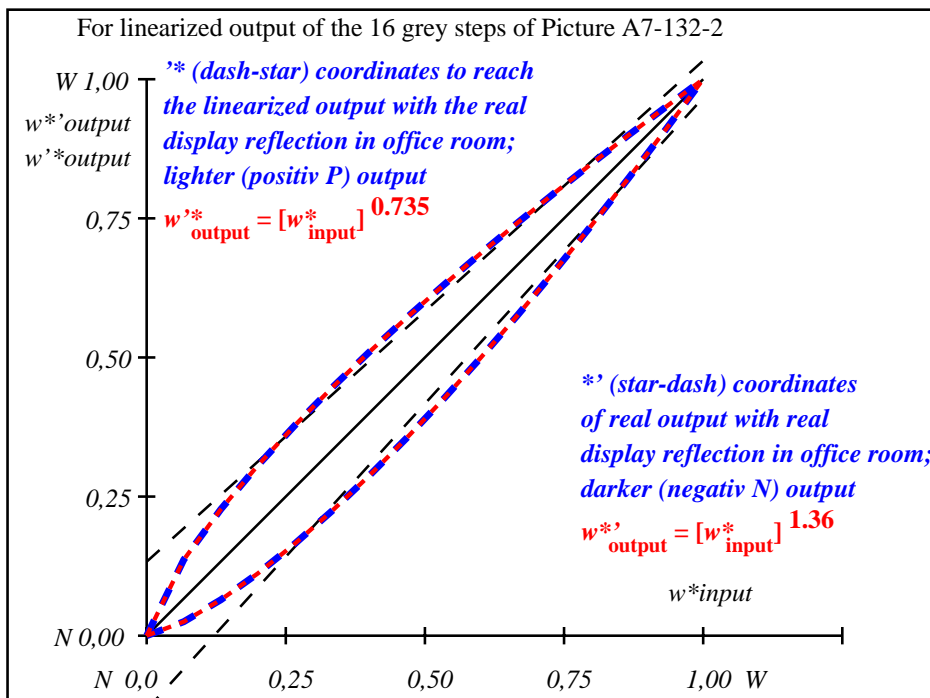
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 6.0$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 4.8$

Mean colour reproduction index: $R^*_{ab,m} = 74$

fen10-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

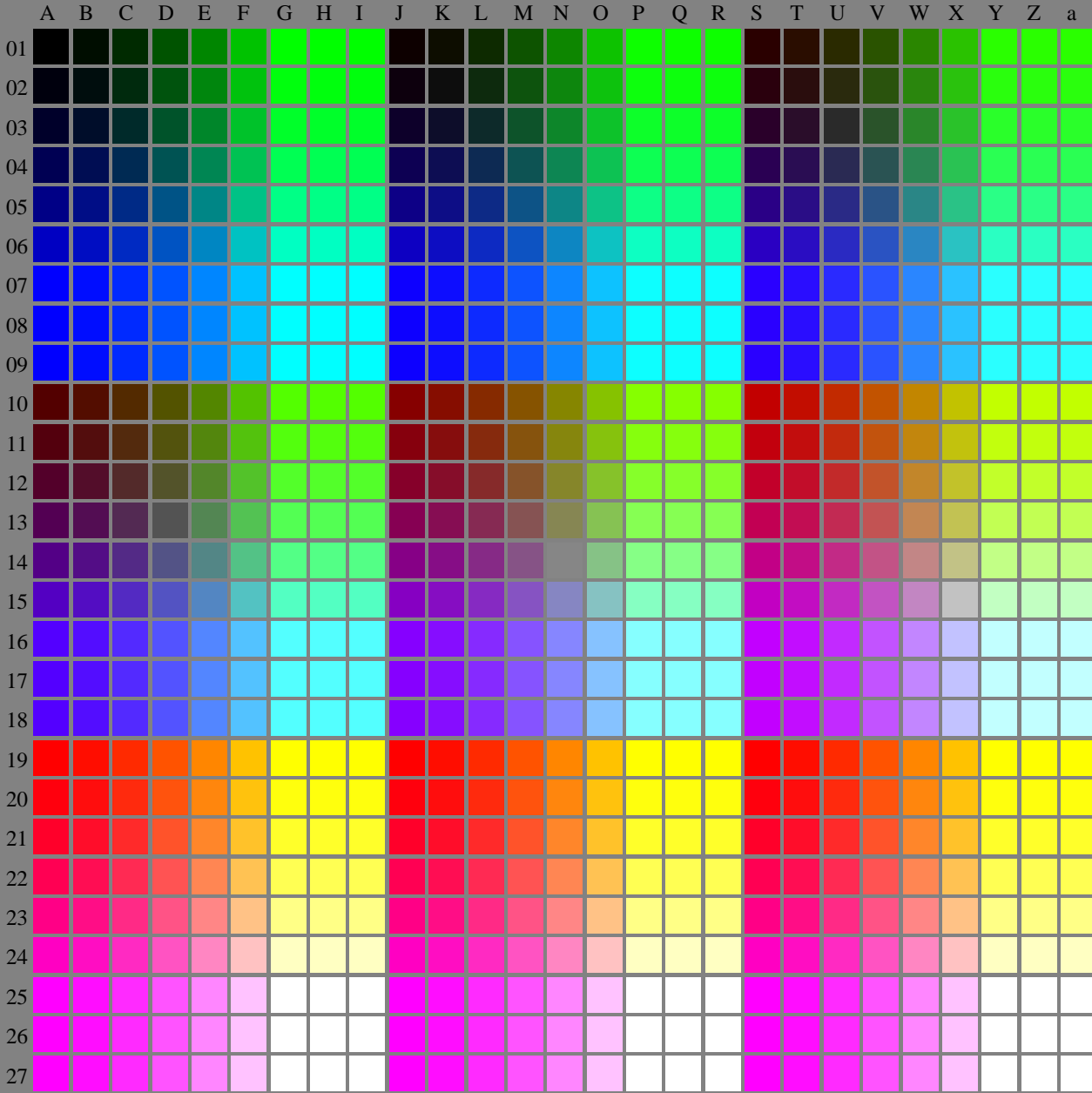
$L^*/Y^*_{intended}$ (absolute)	11.0/1.3	16.6/2.2	22.2/3.6	27.9/5.4	33.5/7.8	39.1/10.7	44.8/14.4	50.4/18.7	56.0/23.9	61.6/30.0	67.3/37.0	72.9/45.0	78.5/54.1	84.2/64.4	89.8/75.8	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=1.18$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB,r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0,0	0,042	0,093	0,151	0,211	0,274	0,34	0,408	0,477	0,548	0,621	0,694	0,769	0,845	0,922	1,0

fen10-7N-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87, L-HDR; $\gamma_R=1.25$ ->rgb*d, 130-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fen1.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>



fen10-7N, Picture B1-130-3: Flower motif, 14 CIE-test colours and 2+16 grey steps (nd); PS operators settransfer, 3 colorimage

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, colorm = 1, xchart = 24, pchart = 0

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130:0$

TUB registration: 20240301-fen1/fen110fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*	Start output S1
1	18.01	0.0	0.0	18.01	0.0	0.0
2	23.17	0.0	0.02	19.2	0.0	-3.95
3	28.33	0.0	0.04	21.49	0.0	-6.83
4	33.49	0.0	0.08	24.5	0.0	-8.98
5	38.65	0.0	0.13	28.12	0.0	-10.52
6	43.81	0.0	0.18	32.26	0.0	-11.53
7	48.97	0.0	0.24	36.89	0.0	-12.07
8	54.13	0.0	0.31	41.94	0.0	-12.18
9	59.29	0.0	0.38	47.41	0.0	-11.87
10	64.45	0.0	0.46	53.25	0.0	-11.19
11	69.61	0.0	0.54	59.46	0.0	-10.14
12	74.77	0.0	0.62	66.02	0.0	-8.74
13	79.93	0.0	0.71	72.9	0.0	-7.02
14	85.09	0.0	0.8	80.1	0.0	-4.98
15	90.25	0.0	0.9	87.61	0.0	-2.63
16	95.41	0.0	1.0	95.41	0.0	0.0
17	18.01	0.0	0.0	18.01	0.0	0.0
18	37.36	0.0	0.12	27.16	0.0	-10.19
19	56.71	0.0	0.34	44.63	0.0	-12.07
20	76.06	0.0	0.64	67.71	0.0	-8.34
21	95.41	0.0	1.0	95.41	0.0	0.0

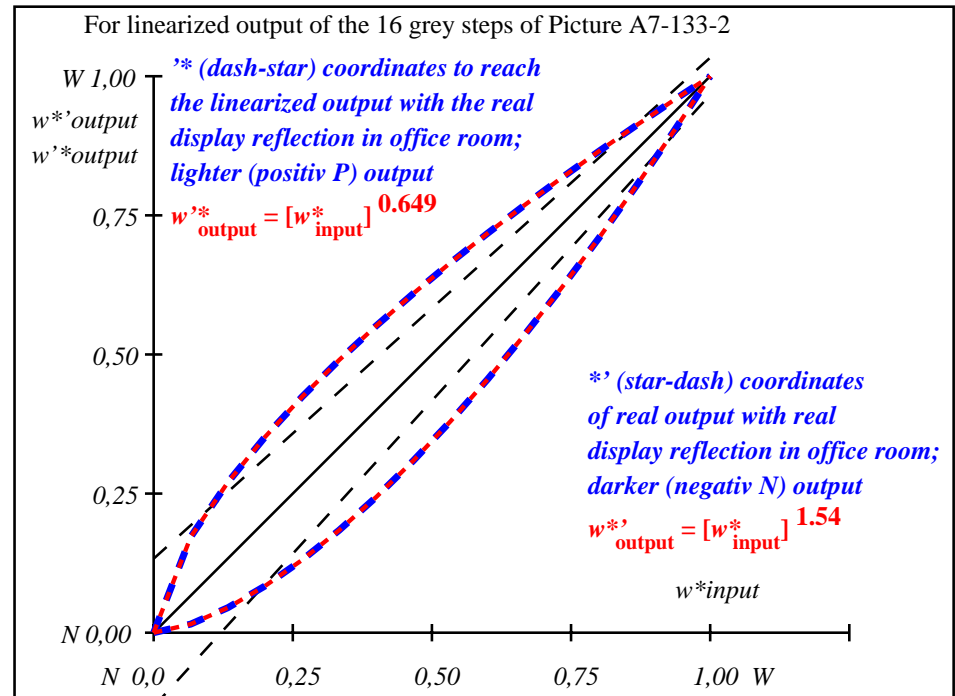
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps) $\Delta E^*_{CIELAB} = 7.7$

Mean lightness difference (5 steps) $\Delta L^*_{CIELAB} = 6.1$

Mean colour reproduction index: $R^*_{ab,m} = 66$

fen10-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



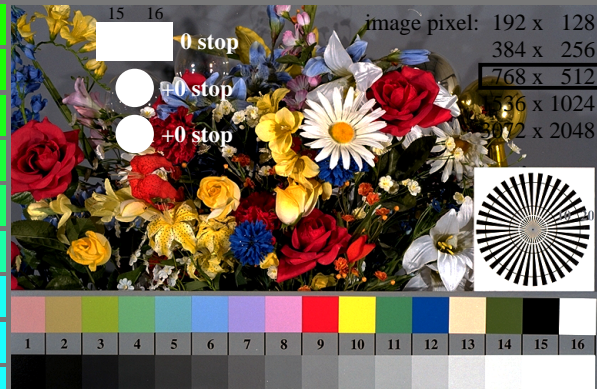
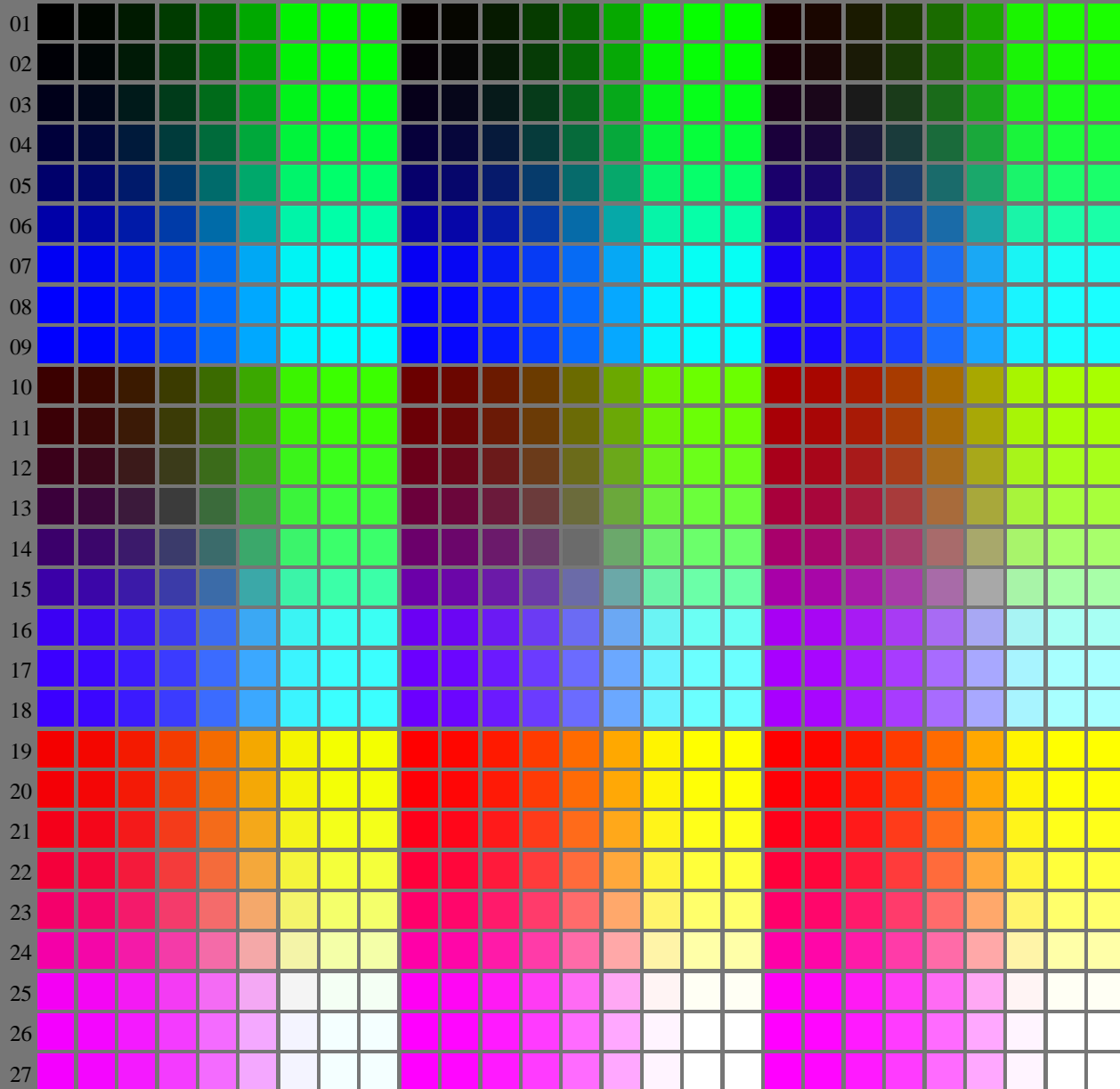
fen11-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	18.0/2.5	23.2/3.8	28.3/5.6	33.5/7.8	38.6/10.5	43.8/13.7	49.0/17.6	54.1/22.1	59.3/27.3	64.4/33.4	69.6/40.2	74.8/47.9	79.9/56.6	85.1/66.2	90.2/76.8	95.4/88.6
$w^* w^* w^*$ setrgb	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{intended}$	0,0	0,031	0,074	0,125	0,182	0,242	0,307	0,374	0,444	0,517	0,593	0,67	0,75	0,832	0,914	1,0
w^*_{out}																

fen10-7N-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

T
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n



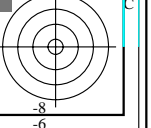
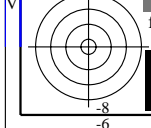
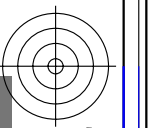
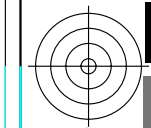
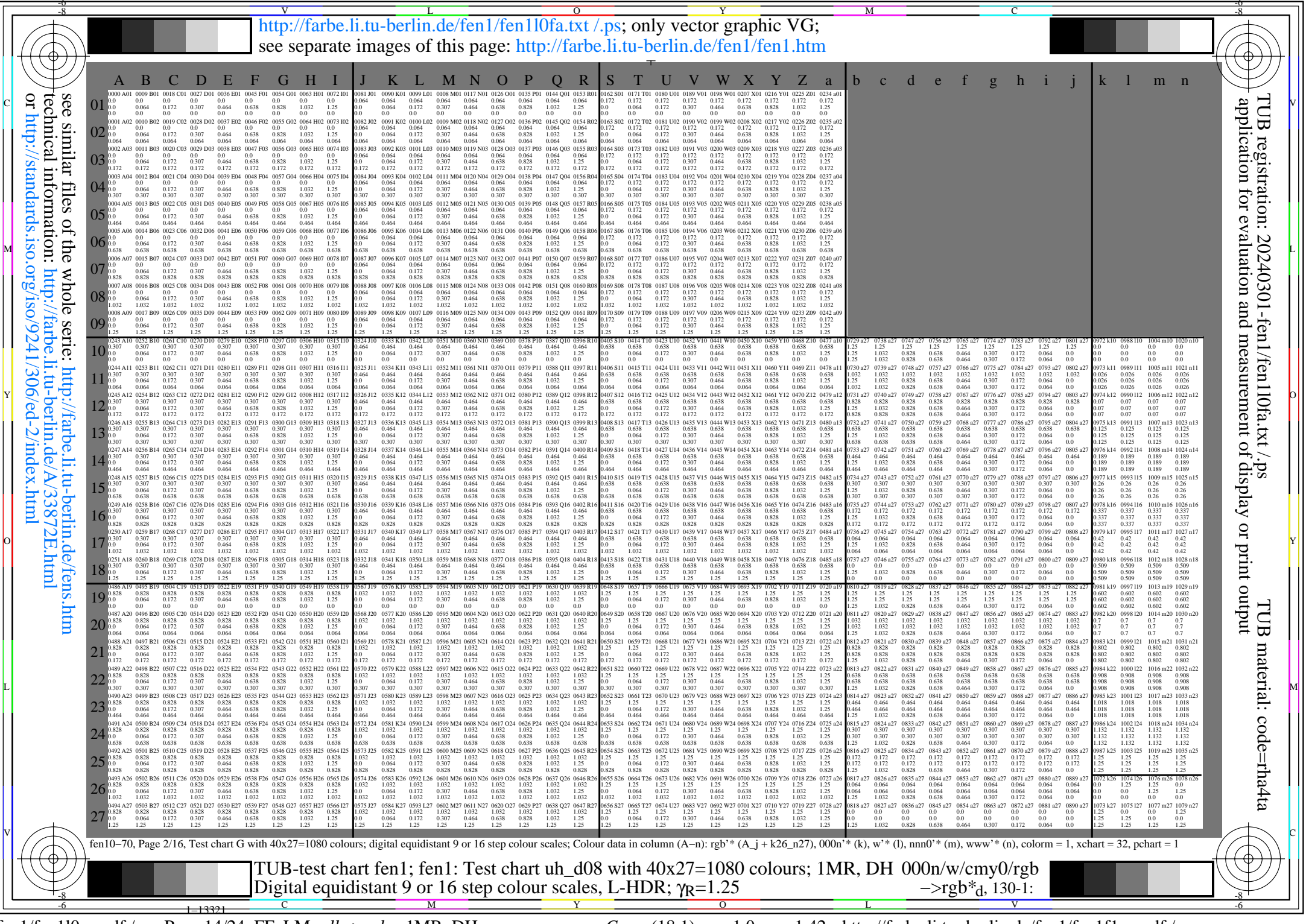
fen10-7N, Picture B1-130-4; Flower motif, 14 CIE-test colours and 2+16 grey steps (nd); PS operators settransfer, 3 colorimage

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, colorm = 1, xchart = 32, pchart = 0

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130-0$

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fen1.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rha4ta



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fen/fen10fa.tn.ps>
 technical information: <http://farbe.li.tu-berlin.de/AV3872E.html>
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.tn.ps
 application for evaluation and measurement of display or print output
 TUB material: code rha1ta

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
 technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	26.85	0.0	0.0	26.85	0.0
2	31.42	0.0	0.01	27.5	0.0
3	35.99	0.0	0.03	28.99	0.0
4	40.56	0.0	0.06	31.15	0.0
5	45.13	0.0	0.1	33.91	0.0
6	49.7	0.0	0.15	37.21	0.0
7	54.27	0.0	0.21	41.03	0.0
8	58.84	0.0	0.27	45.33	0.0
9	63.41	0.0	0.34	50.1	0.0
10	67.99	0.0	0.42	55.33	0.0
11	72.56	0.0	0.5	60.98	0.0
12	77.13	0.0	0.59	67.06	0.0
13	81.7	0.0	0.68	73.56	0.0
14	86.27	0.0	0.78	80.45	0.0
15	90.84	0.0	0.89	87.74	0.0
16	95.41	0.0	1.0	95.41	0.0
17	26.85	0.0	0.0	26.85	0.0
18	43.99	0.0	0.09	33.17	0.0
19	61.13	0.0	0.3	47.66	0.0
20	78.27	0.0	0.61	68.65	0.0
21	95.41	0.0	1.0	95.41	0.0

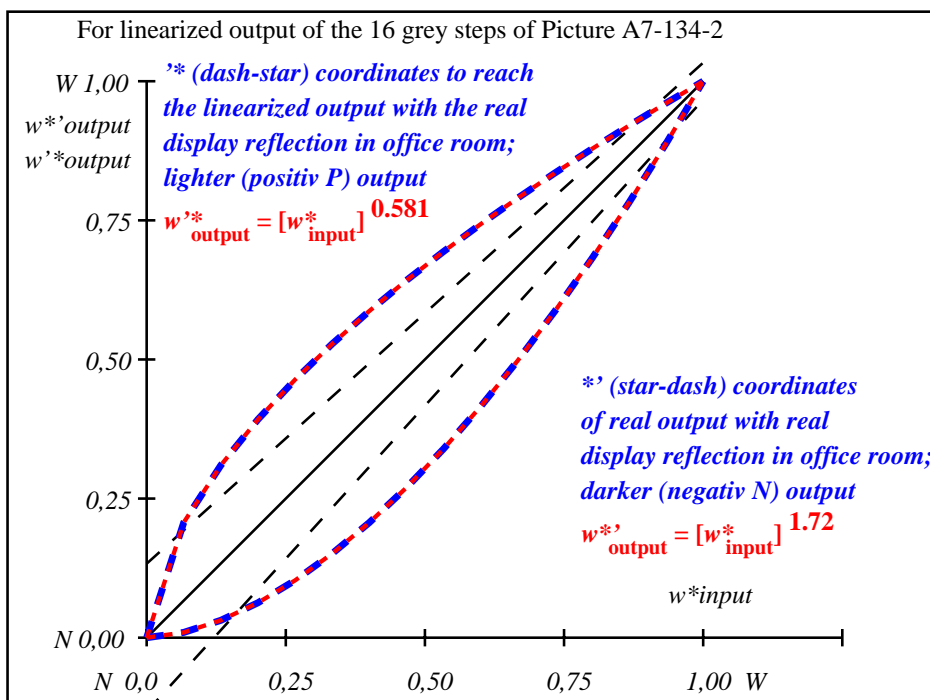
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 8.5$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 6.8$

Mean colour reproduction index: $R^*_{ab,m} = 63$

fen10-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

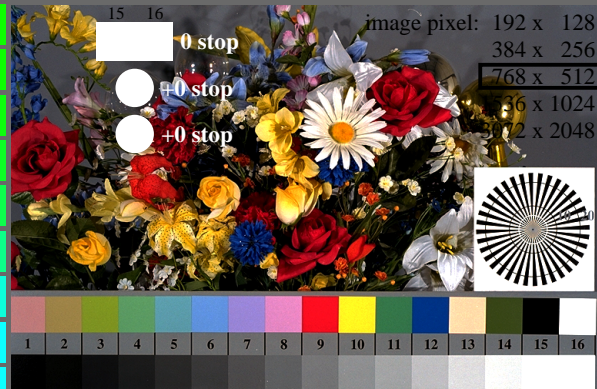
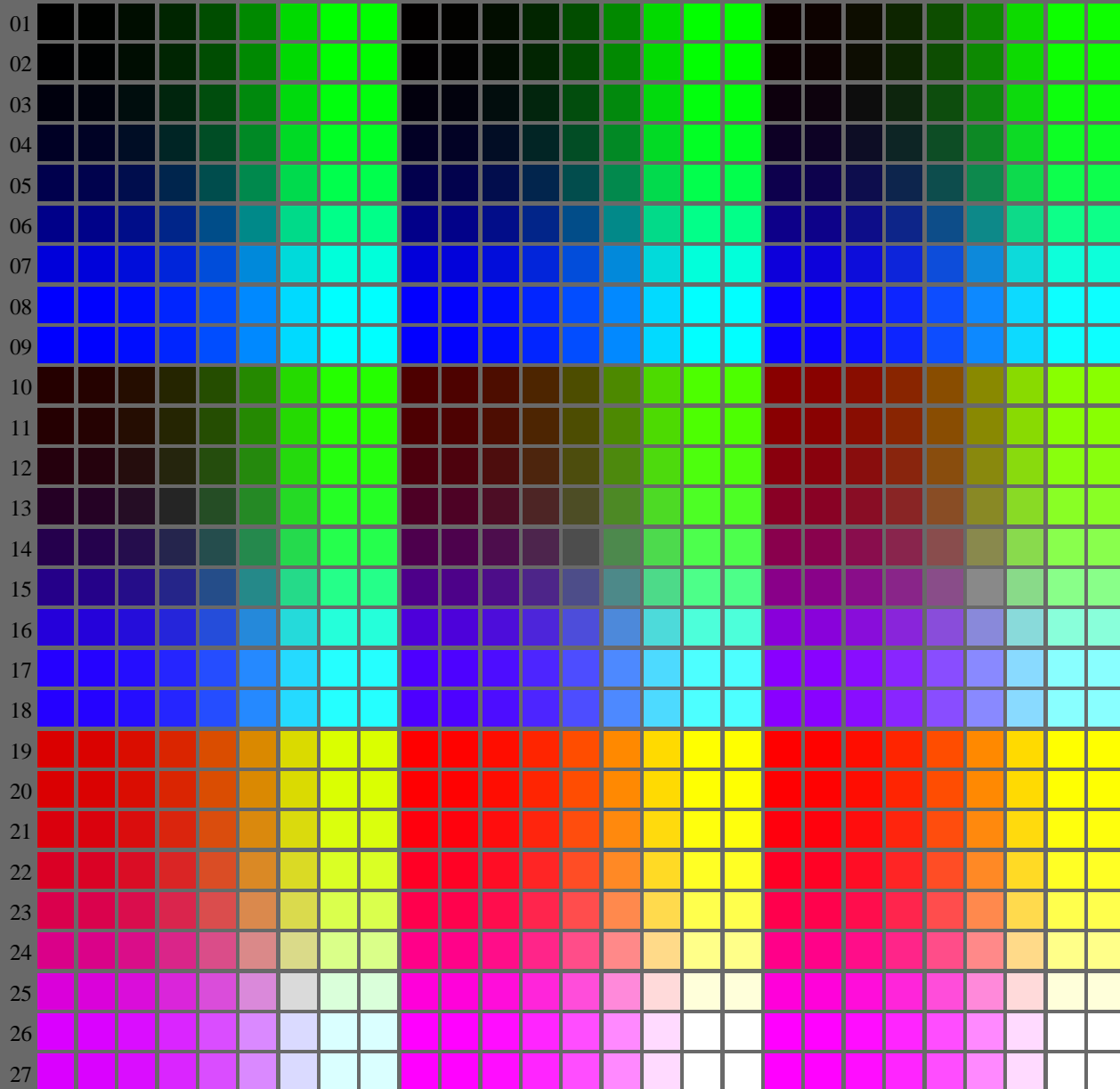
$L^*/Y^*_{intended}$ (absolute)	26.8/5.0	31.4/6.8	36.0/9.0	40.6/11.6	45.1/14.6	49.7/18.2	54.3/22.2	58.8/26.9	63.4/32.1	68.0/38.0	72.6/44.5	77.1/51.7	81.7/59.7	86.3/68.5	90.8/78.1	95.4/88.6
$w^* w^* w^*$ setrgb	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0,0	0,021	0,056	0,1	0,152	0,208	0,27	0,337	0,407	0,482	0,561	0,642	0,727	0,816	0,906	1,0

fen10-7N-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5, L-HDR; $\gamma_R=1.25$ ->rgb*d, 130-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

V L O Y M C
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n



fen10-7N, Picture B1-130-5: Flower motif, 14 CIE-test colours and 2+16 grey steps (nd); PS operators settransfer, 3 colorimage

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fen1.htm>
technical information: <http://farbe.li.tu-berlin.de/A/53872E.html>
or <http://standards.iso.org/iso/9241/5M6/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, colorm = 1, xchart = 40, pchart = 0

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130-0$

http://farbe.li.tu-berlin.de/fen1/fen110fa.txt / .ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fen1/fen1.htm

Table with columns labeled A-Z and a-b, and rows labeled 01-27. Each cell contains a 4x4 grid of numerical values representing color data for various test charts.

fen10/10, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb*(A..j + 26..n27), 000n*(k), w*(L), nnn0*(m), www*(n), colormap = 1, xchart = 40, pchart = 1

TUB-test chart fen1; fen1: Test chart with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
->rgb*0, 130:1

see similar files of the whole serie: http://farbe.li.tu-berlin.de/fens.htm
technical information: http://farbe.li.tu-berlin.de/A/33872E.html
or http://standards.iso.org/iso/9241/306/ed-2/index.html

TUB registration: 20240301-fen1/fen110fa.txt .ps
application for evaluation and measurement of display or print output
TUB material: code rh4ta

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	37.99	0.0	0.0	37.99 0.0 0.0	0.01
2	41.81	0.0	0.01	38.32 0.0 0.0	3.49
3	45.64	0.0	0.02	39.23 0.0 0.0	6.41
4	49.47	0.0	0.05	40.68 0.0 0.0	8.79
5	53.3	0.0	0.08	42.65 0.0 0.0	10.65
6	57.13	0.0	0.12	45.11 0.0 0.0	12.02
7	60.96	0.0	0.18	48.06 0.0 0.0	12.9
8	64.78	0.0	0.24	51.48 0.0 0.0	13.3
9	68.61	0.0	0.3	55.38 0.0 0.0	13.22
10	72.44	0.0	0.38	59.74 0.0 0.0	12.7
11	76.27	0.0	0.46	64.56 0.0 0.0	11.7
12	80.1	0.0	0.55	69.84 0.0 0.0	10.26
13	83.93	0.0	0.65	75.57 0.0 0.0	8.36
14	87.75	0.0	0.76	81.74 0.0 0.0	6.01
15	91.58	0.0	0.88	88.35 0.0 0.0	3.23
16	95.41	0.0	1.0	95.41 0.0 0.0	0.01
17	37.99	0.0	0.0	37.99 0.0 0.0	0.01
18	52.34	0.0	0.07	42.11 0.0 0.0	10.23
19	66.7	0.0	0.27	53.37 0.0 0.0	13.33
20	81.05	0.0	0.58	71.23 0.0 0.0	9.82
21	95.41	0.0	1.0	95.41 0.0 0.0	0.01

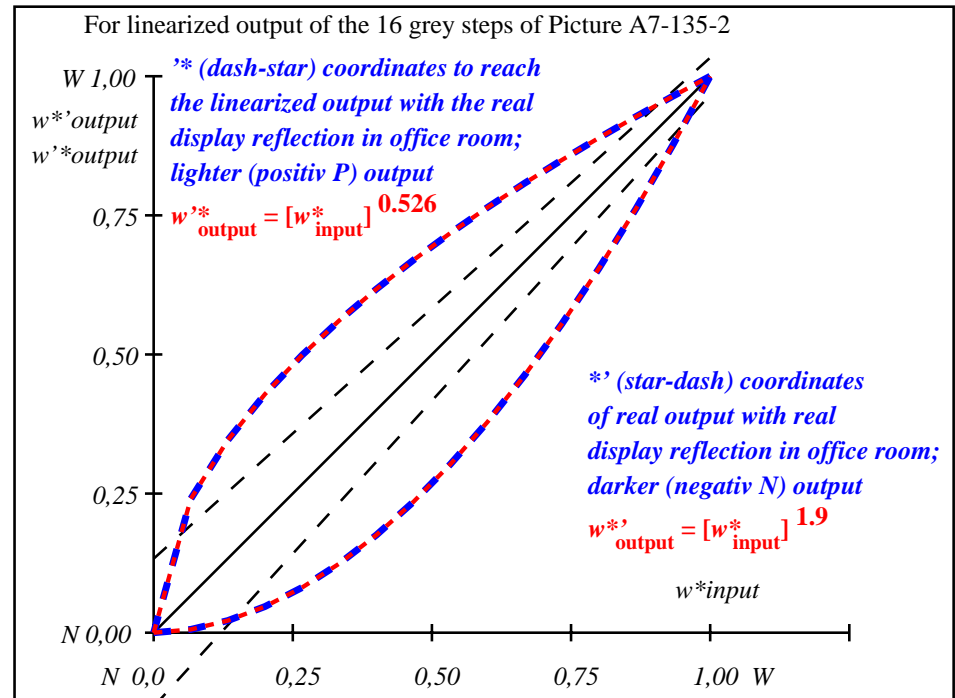
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 8.3$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 6.7$

Mean colour reproduction index: $R^*_{ab,m} = 64$

fen10-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

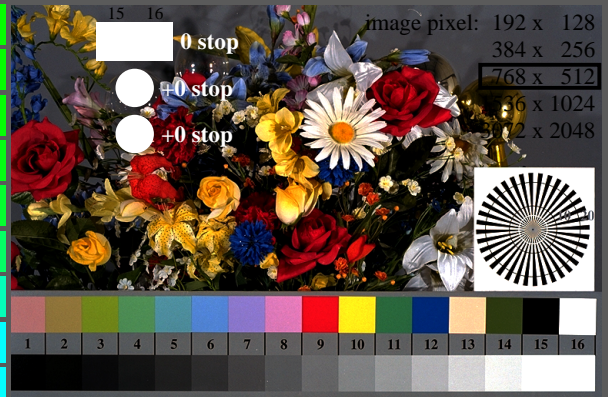
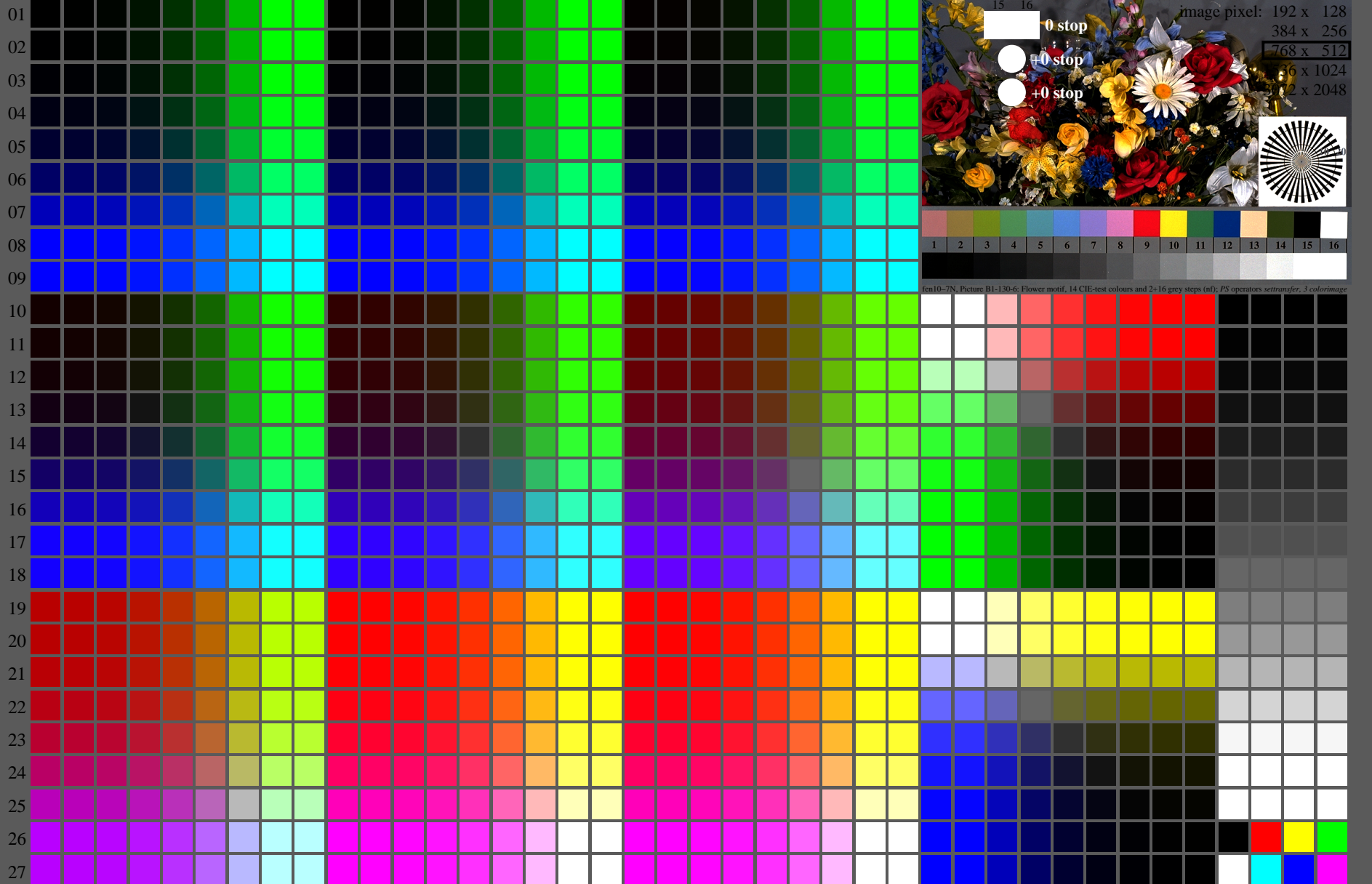
$L^*/Y^*_{intended}$ (absolute)	38.0/10.1	41.8/12.4	45.6/15.0	49.5/18.0	53.3/21.3	57.1/25.1	61.0/29.2	64.8/33.8	68.6/38.8	72.4/44.3	76.3/50.3	80.1/56.9	83.9/63.9	87.8/71.6	91.6/79.8	95.4/88.6
w^*_{setrgb}	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*_{CIELAB,r}$ (relative)	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
$w^*_{intended}$	0.0	0.013	0.04	0.076	0.121	0.172	0.231	0.296	0.365	0.442	0.523	0.608	0.7	0.796	0.895	1.0
w^*_{out}	0.0	0.013	0.04	0.076	0.121	0.172	0.231	0.296	0.365	0.442	0.523	0.608	0.7	0.796	0.895	1.0

fen10-7N-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{setrgbcolor}$

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15, L-HDR; $\gamma_R=1.25$ -> $rgb^*_d, 130-2$

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n



fen10-7N, Picture B1-130-6: Flower motif, 14 CIE-test colours and 2+16 grey steps (nd); PS operators *settransfer, 3 colorimage*

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/506/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* (A_n)$, $colorm = 1$, $xchart = 48$, $pchart = 0$

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130-0$

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	52.02	0.0	0.0	52.02	0.0
2	54.91	0.0	0.0	52.17	0.0
3	57.8	0.0	0.02	52.67	0.0
4	60.7	0.0	0.04	53.54	0.0
5	63.59	0.0	0.06	54.79	0.0
6	66.48	0.0	0.1	56.43	0.0
7	69.37	0.0	0.15	58.47	0.0
8	72.27	0.0	0.2	60.91	0.0
9	75.16	0.0	0.27	63.75	0.0
10	78.05	0.0	0.35	67.01	0.0
11	80.95	0.0	0.43	70.69	0.0
12	83.84	0.0	0.52	74.78	0.0
13	86.73	0.0	0.63	79.3	0.0
14	89.62	0.0	0.74	84.24	0.0
15	92.52	0.0	0.87	89.61	0.0
16	95.41	0.0	1.0	95.41	0.0
17	52.02	0.0	0.0	52.02	0.0
18	62.87	0.0	0.06	54.44	0.0
19	73.71	0.0	0.24	62.28	0.0
20	84.56	0.0	0.55	75.87	0.0
21	95.41	0.0	1.0	95.41	0.0

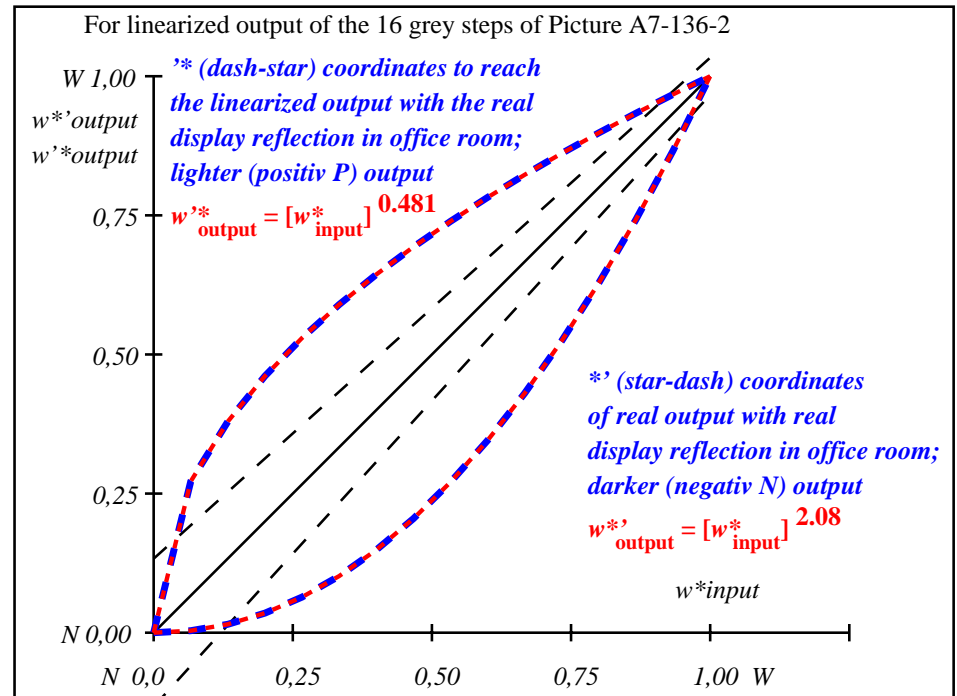
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 7.1$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 5.7$

Mean colour reproduction index: $R^*_{ab,m} = 69$

fen10-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

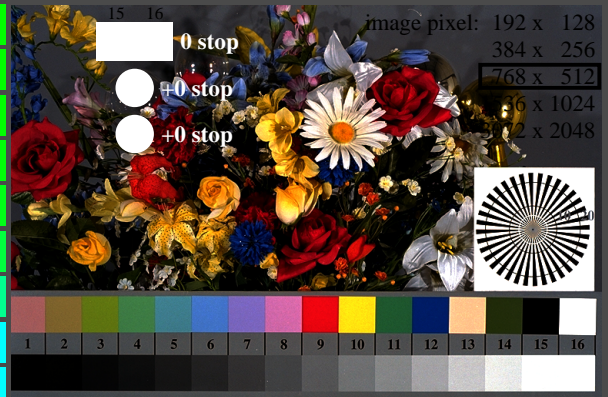
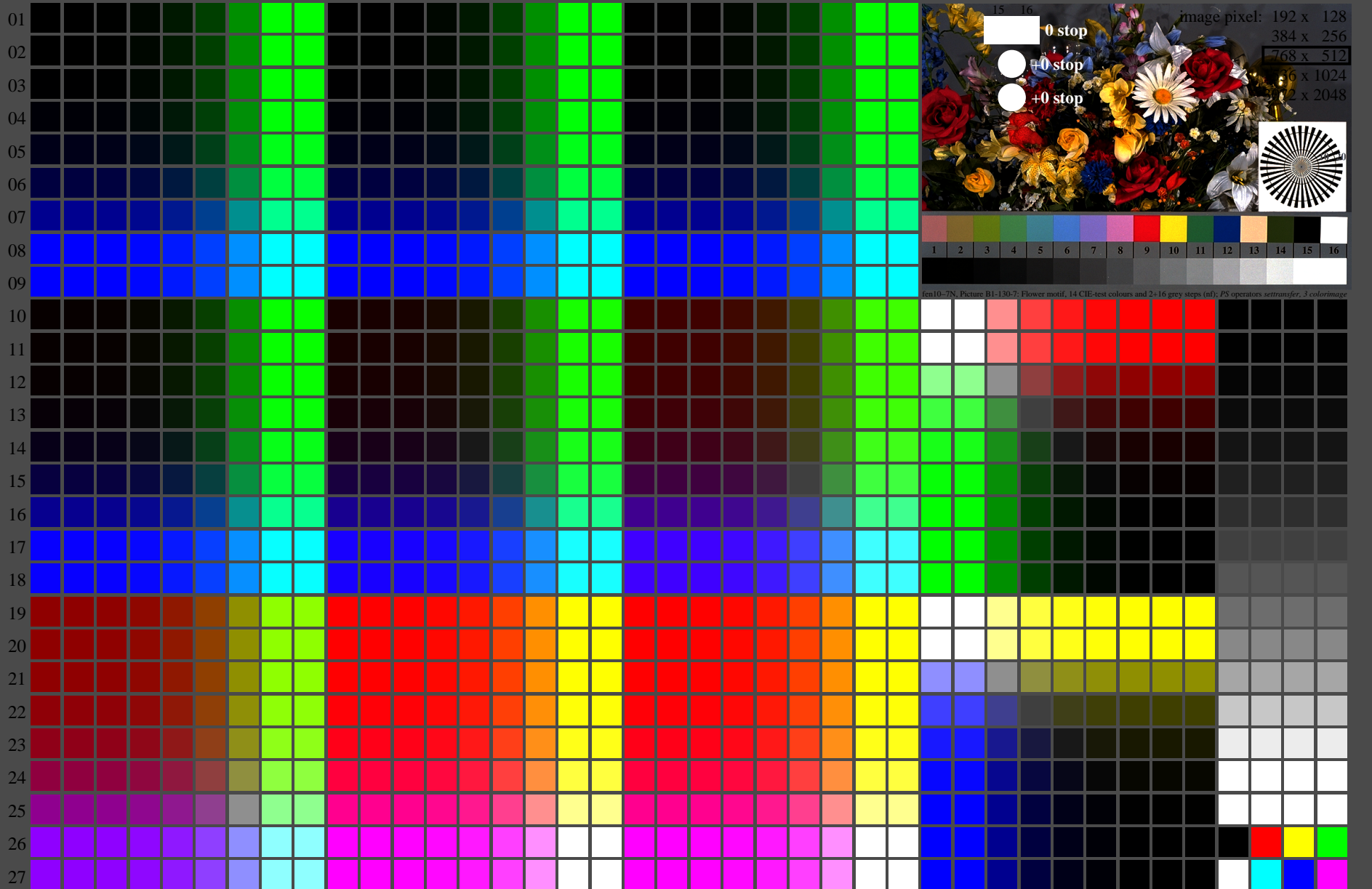
$L^*/Y^*_{intended}$ (absolute)	52.0/20.2	54.9/22.8	57.8/25.8	60.7/28.9	63.6/32.3	66.5/36.0	69.4/39.9	72.3/44.1	75.2/48.5	78.1/53.3	80.9/58.4	83.8/63.8	86.7/69.5	89.6/75.5	92.5/81.9	95.4/88.6
w^*_{setrgb}	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*_{CIELAB,r}$ (relative)	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
$w^*_{intended}$	0.0	0.007	0.026	0.054	0.091	0.135	0.189	0.25	0.319	0.395	0.479	0.569	0.666	0.771	0.882	1.0
w^*_{out}	0.0	0.007	0.026	0.054	0.091	0.135	0.189	0.25	0.319	0.395	0.479	0.569	0.666	0.771	0.882	1.0

fen10-7N-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{setrgbcolor}$

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30, L-HDR; $\gamma_R=1.25$ ->rgb*d, 130-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

T
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt / .ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb*(A_n), colorm = 1, xchart = 56, pchart = 0

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
->rgb*_d, 130-0:

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	69.7	0.0	69.7	0.0	0.01
2	71.41	0.0	69.75	-1.65	1.66
3	73.13	0.0	69.97	-3.15	3.16
4	74.84	0.0	70.37	-4.46	4.47
5	76.55	0.0	70.99	-5.55	5.56
6	78.27	0.0	71.84	-6.41	6.42
7	79.98	0.0	72.94	-7.03	7.04
8	81.7	0.0	74.29	-7.4	7.41
9	83.41	0.0	75.91	-7.49	7.5
10	85.12	0.0	77.8	-7.31	7.32
11	86.84	0.0	79.98	-6.85	6.86
12	88.55	0.0	82.45	-6.09	6.1
13	90.27	0.0	85.23	-5.03	5.04
14	91.98	0.0	88.3	-3.67	3.68
15	93.7	0.0	91.7	-1.99	2.0
16	95.41	0.0	95.41	0.0	0.01

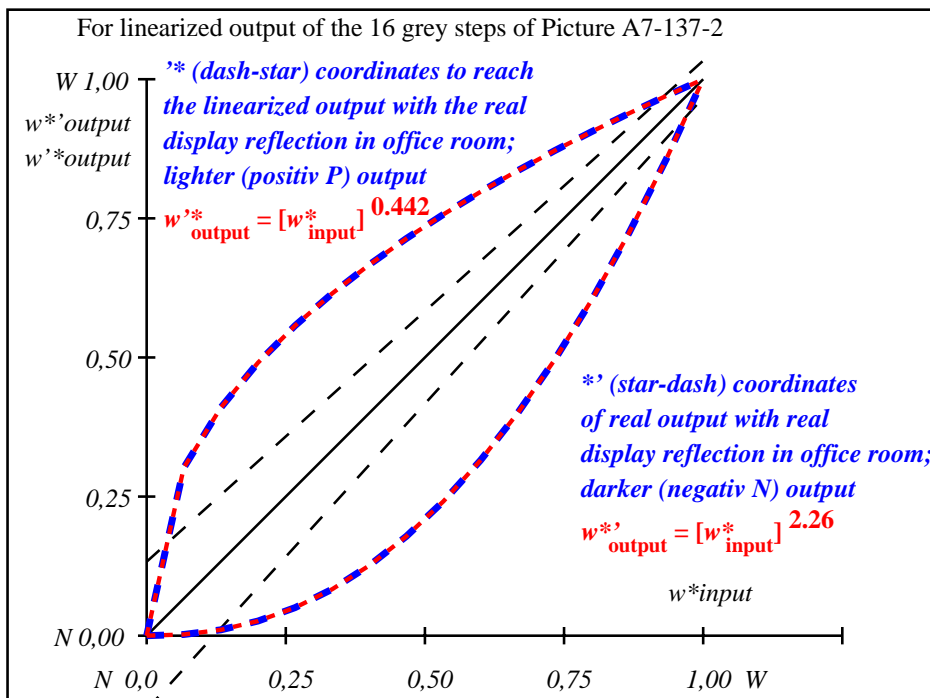
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 4.6$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 3.7$

Mean colour reproduction index: $R^*_{ab,m} = 80$

fen10-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	69.7/40.3	71.4/42.8	73.1/45.4	74.8/48.0	76.6/50.8	78.3/53.7	80.0/56.6	81.7/59.7	83.4/62.9	85.1/66.3	86.8/69.7	88.6/73.2	90.3/76.9	92.0/80.7	93.7/84.6	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=2.11$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB,r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0,0	0,003	0,014	0,034	0,062	0,099	0,145	0,201	0,266	0,341	0,426	0,52	0,625	0,74	0,864	1,0

fen10-7N-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60, L-HDR; $\gamma_R=1.25$ ->rgb*d, 130-2: