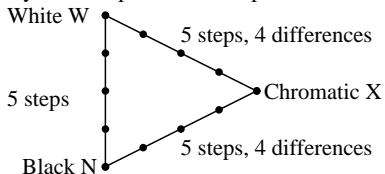


Discriminability of 5 step colour series (Yes/No decision)

Layout example: three 5 step colour series



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Page 7: Yes/No, if No ../12 step differences are distinguishable of R = Elementary Red

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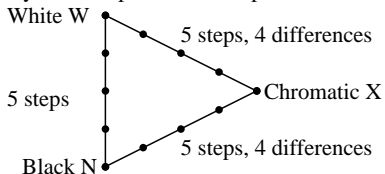
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2	6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.0	0.01		
3	12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.01		
4	19.08	0.0	0.0	0.2	19.08	0.0	0.0	0.0	0.0	0.01		
5	25.44	0.0	0.0	0.27	25.44	0.0	0.0	0.0	0.0	0.01		
6	31.8	0.0	0.0	0.33	31.8	0.0	0.0	0.0	0.0	0.01		
7	38.16	0.0	0.0	0.4	38.16	0.0	0.0	0.0	0.0	0.01		
8	44.52	0.0	0.0	0.47	44.52	0.0	0.0	0.0	0.0	0.01		
9	50.89	0.0	0.0	0.53	50.89	0.0	0.0	0.0	0.0	0.01		
10	57.25	0.0	0.0	0.6	57.25	0.0	0.0	0.0	0.0	0.01		
11	63.61	0.0	0.0	0.67	63.61	0.0	0.0	0.0	0.0	0.01	Mean lightness difference (16 steps) $\Delta E^*_{\text{CIELAB}} = 0.0$	
12	69.97	0.0	0.0	0.73	69.97	0.0	0.0	0.0	0.0	0.01		
13	76.33	0.0	0.0	0.8	76.33	0.0	0.0	0.0	0.0	0.01		
14	82.69	0.0	0.0	0.87	82.69	0.0	0.0	0.0	0.0	0.01		
15	89.05	0.0	0.0	0.93	89.05	0.0	0.0	0.0	0.0	0.01		
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01		
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19	47.71	0.0	0.0	0.5	47.71	0.0	0.0	0.0	0.0	0.01		
20	71.56	0.0	0.0	0.75	71.56	0.0	0.0	0.0	0.0	0.01		
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01		
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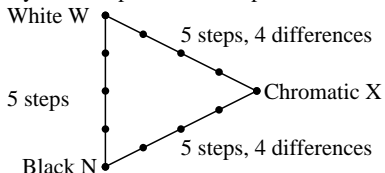
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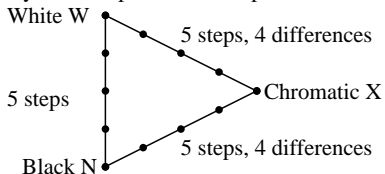
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19	47.71	0.0	0.0	0.5	47.71	0.0	0.0	0.0	0.0	0.01		
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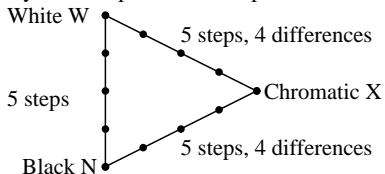
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5	25.44	0.0	0.0	0.27	25.44	0.0	0.0	0.0	0.0	0.01		
6	31.8	0.0	0.0	0.33	31.8	0.0	0.0	0.0	0.0	0.01		
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15	89.05	0.0	0.0	0.93	89.05	0.0	0.0	0.0	0.0	0.01		
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01		
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19	47.71	0.0	0.0	0.5	47.71	0.0	0.0	0.0	0.0	0.01		
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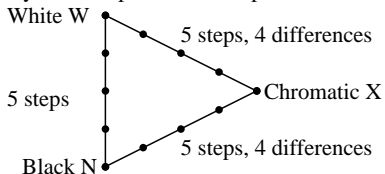
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Page 8: Yes/No, if No ../12 step differences are distinguishable of J = Elementary yellow

Page 9: Yes/No, if No ../12 step differences are distinguishable of G = Elementary Green

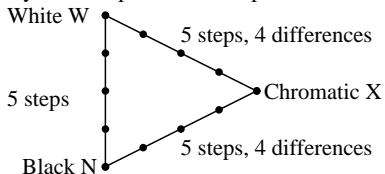
Page 10: Yes/No, if No ../12 step differences are distinguishable of B = Elementary blue

Sum: ../10 Yes-Pages and ../120 step differences are distinguishable

i	LAB*ref		l*out		LAB*out		LAB*out/c-ref			ΔE*	Start output S1 Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01		
2	6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.01		
3	12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.01	
4	19.08	0.0	0.0	0.2	19.08	0.0	0.0	0.0	0.0	0.01	
5	25.44	0.0	0.0	0.27	25.44	0.0	0.0	0.0	0.0	0.01	
6	31.8	0.0	0.0	0.33	31.8	0.0	0.0	0.0	0.0	0.01	
7	38.16	0.0	0.0	0.4	38.16	0.0	0.0	0.0	0.0	0.01	
8	44.52	0.0	0.0	0.47	44.52	0.0	0.0	0.0	0.0	0.01	
9	50.89	0.0	0.0	0.53	50.89	0.0	0.0	0.0	0.0	0.01	
10	57.25	0.0	0.0	0.6	57.25	0.0	0.0	0.0	0.0	0.01	
11	63.61	0.0	0.0	0.67	63.61	0.0	0.0	0.0	0.0	0.01	
12	69.97	0.0	0.0	0.73	69.97	0.0	0.0	0.0	0.0	0.01	
13	76.33	0.0	0.0	0.8	76.33	0.0	0.0	0.0	0.0	0.01	
14	82.69	0.0	0.0	0.87	82.69	0.0	0.0	0.0	0.0	0.01	
15	89.05	0.0	0.0	0.93	89.05	0.0	0.0	0.0	0.0	0.01	Mean lightness difference (16 steps)
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01	ΔE* _{CIELAB} = 0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	
18	23.85	0.0	0.0	0.25	23.85	0.0	0.0	0.0	0.0	0.01	
19	47.71	0.0	0.0	0.5	47.71	0.0	0.0	0.0	0.0	0.01	
20	71.56	0.0	0.0	0.75	71.56	0.0	0.0	0.0	0.0	0.01	Mean lightness difference (5 steps)
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01	ΔL* _{CIELAB} = 0.0
Mean colour reproduction index:										R* _{ab,m} = 100	

Discriminability of 5 step colour series (Yes/No decision)

Layout example: three 5 step colour series



There are three basic colours on each page:
Black N, White W and Chromatic X.

Ten pages include 10 hue planes
X = OYLCVM and RJGB.

There are at maximum 12 distinguishable steps.

All steps of the three series N–W, W–X and X–N should be distinguishable on **all** pages.

Are the three 5step series distinguishable on all pages?

underline: Yes/No

only in case of No: Are the three 5 step series on Page x of 10 pages distinguishable?

Underline Yes/No and give in case of No the number of distinguishable steps?

Page 1: Yes/No, if No ../12 step differences are distinguishable of O = Orange Red

Page 2: Yes/No, if No ../12 step differences are distinguishable of Y = Yellow

Page 3: Yes/No, if No ../12 step differences are distinguishable of L = Leaf green

Page 4: Yes/No, if No ../12 step differences are distinguishable of C = Cyan blue

Page 5: Yes/No, if No ../12 step differences are distinguishable of V = Violett blue

Page 6: Yes/No, if No ../12 step differences are distinguishable of M = Magenta Red

Page 7: Yes/No, if No ../12 step differences are distinguishable of R = Elementary Red

Page 8: Yes/No, if No ../12 step differences are distinguishable of J = Elementary yellow

Page 9: Yes/No, if No ../12 step differences are distinguishable of G = Elementary Green

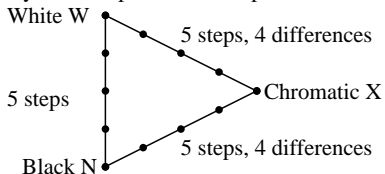
Page 10: Yes/No, if No ../12 step differences are distinguishable of B = Elementary blue

Sum: ../10 Yes-Pages and ../120 step differences are distinguishable

i	LAB*ref		l*out		LAB*out		LAB*out/c-ref			ΔE^*	Start output S1	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G	
2	6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.0	0.01		
3	12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.01		
4	19.08	0.0	0.0	0.2	19.08	0.0	0.0	0.0	0.0	0.01		
5	25.44	0.0	0.0	0.27	25.44	0.0	0.0	0.0	0.0	0.01		
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11	63.61	0.0	0.0	0.67	63.61	0.0	0.0	0.0	0.0	0.01	Mean lightness difference (16 steps) $\Delta E^*_{\text{CIELAB}} = 0.0$	
12	69.97	0.0	0.0	0.73	69.97	0.0	0.0	0.0	0.0	0.01		
13	76.33	0.0	0.0	0.8	76.33	0.0	0.0	0.0	0.0	0.01		
14	82.69	0.0	0.0	0.87	82.69	0.0	0.0	0.0	0.0	0.01		
15	89.05	0.0	0.0	0.93	89.05	0.0	0.0	0.0	0.0	0.01		
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01		
18	23.85	0.0	0.0	0.25	23.85	0.0	0.0	0.0	0.0	0.01		
19	47.71	0.0	0.0	0.5	47.71	0.0	0.0	0.0	0.0	0.01		
20	71.56	0.0	0.0	0.75	71.56	0.0	0.0	0.0	0.0	0.01		
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01		
Mean colour reproduction index:										$R^*_{\text{ab,m}} = 100$		

Discriminability of 5 step colour series (Yes/No decision)

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17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01		
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