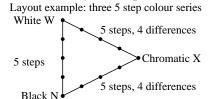
Discriminability of 5 step colour series (Yes/No decision)



Part 1

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

There are at maximum 12 distinguashable steps.

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

All steps of the three series N–W, W–X and X–N should be distiguishable 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 distiguishable? Underline Yes/No and give in case of No the number of distinguishable steps?

Page 1: Yes/No, if No ../12 step differences are distinguashable of O = Orange Red Page 2: Yes/No, if No ../12 step differences are distinguashable of Y = Yellow 3: Yes/No, if No ../12 step differences are distinguashable of L = Leaf green Page

Page 4: Yes/No, if No ../12 step differences are distinguashable of C = Cyan blue Page 5: Yes/No, if No ../12 step differences are distinguashable of V = Violett blue

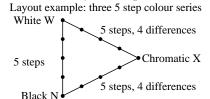
Page 6: Yes/No, if No ../12 step differences are distinguashable of M = Magenta Red Page 7: Yes/No, if No ../12 step differences are distinguashable of R = Elementary Red Page 8: Yes/No, if No ../12 step differences are distinguashable of J = Elementary yellow

9: Yes/No, if No ../12 step differences are distinguashable of G = Elemantary Green Page Page 10: Yes/No, if No ../12 step differences are distinguashable of B = Elementary blue

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

i LAB*	ref*		l*out	LAB*	out		LAB	*out/c-	ref	ΔΕ*	Start output S1
1 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	Specification according to
2 6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.0	0.0	0.01	ISO/IEC 15775 Annex G
3 12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.0	0.01	and DIN 33866-1 Annex G
4 19.08	0.0	0.0	0.2	19.08	0.0	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	0.0	0.01	
6 31.8	0.0	0.0	0.33	31.8	0.0	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	0.0	0.01	
8 44.52	0.0	0.0	0.47	44.52	0.0	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	0.0	0.01	
10 57.25	0.0	0.0	0.6	57.25	0.0	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	0.0	0.01	
12 69.97	0.0	0.0	0.73	69.97	0.0	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	0.0	0.01	
14 82.69	0.0	0.0	0.87	82.69	0.0	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	0.0		Mean lightness difference (16 steps)
16 95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0		$\Delta E^*_{\text{CIELAB}} = 0.0$
17 0.0	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	0.0	0.01	
19 47.71	0.0	0.0	0.5	47.71	0.0	0.0	0.0	0.0	0.0	0.01	35 1114 1100 (5.4)
20 71.56	0.0	0.0	0.75	71.56	0.0	0.0	0.0	0.0	0.0		Mean lightness difference (5 steps)
21 95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0		$\Delta L *_{\text{CIELAB}} = 0.0$
	Mean colour reproduction index: $R^*_{ab,m} = 100$										
OE730-3	OE730–3A-030-11: File: Measure unknown; Device: Device unknown; Date: Date unknown										

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



Page

Part 1

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.

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Page 6: Yes/No, if No ../12 step differences are distinguashable of M = Magenta Red Page 7: Yes/No, if No ../12 step differences are distinguashable of R = Elementary Red

8: Yes/No, if No ../12 step differences are distinguashable of J = Elementary yellow 9: Yes/No, if No ../12 step differences are distinguashable of G = Elemantary Green Page Page 10: Yes/No, if No ../12 step differences are distinguashable of B = Elementary blue

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

i LAB*	ref.		l*out	LAB*	out		LAB:	*out/c-	ref	ΛE*	Start output S1
1 0.0	0.0	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	0.0	0.0	0.01	
3 12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.0	0.01	and DIN 33866-1 Annex G
4 19.08	0.0	0.0	0.2	19.08	0.0	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	0.0	0.01	
6 31.8	0.0	0.0	0.33	31.8	0.0	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	0.0	0.01	
8 44.52	0.0	0.0	0.47	44.52	0.0	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	0.0	0.01	
10 57.25	0.0	0.0	0.6	57.25	0.0	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	0.0	0.01	
12 69.97	0.0	0.0	0.73	69.97	0.0	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	0.0	0.01	
14 82.69	0.0	0.0	0.87	82.69	0.0	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	0.0		Mean lightness difference (16 steps)
16 95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0		$\Delta E^*_{\text{CIELAB}} = 0.0$
17 0.0	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	0.0	0.01	
19 47.71	0.0	0.0	0.5	47.71	0.0	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	0.0		Mean lightness difference (5 steps)
21 95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0		$\Delta L^*_{\text{CIELAB}} = 0.0$
	Mean colour reproduction index: $R^*_{ab,m} = 100$										
OE730-3	OE730-3A-031-11: File: Measure unknown; Device: Device unknown; Date: Date unknown										

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

Layout example: three 5 step colour series
White W
5 steps, 4 differences
Chromatic X
5 steps, 4 differences

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.

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Page 3: Yes/No, if No ../12 step differences are distinguashable of L = Leaf green Page 4: Yes/No, if No ../12 step differences are distinguashable of C = Cyan blue Page 5: Yes/No, if No ../12 step differences are distinguashable of V = Violett blue

Page 6: Yes/No, if No ../12 step differences are distinguashable of M = Magenta Red Page 7: Yes/No, if No ../12 step differences are distinguashable of R = Elementary Red

Page 8: Yes/No, if No ../12 step differences are distinguashable of J = Elementary yellow Page 9: Yes/No, if No ../12 step differences are distinguashable of G = Elementary Green Page 10: Yes/No, if No ../12 step differences are distinguashable of B = Elementary blue

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

Black N

i LAB*	ref		l*out	LAB*	out		LAB	*out/c-	ref	ΔΕ*	Start output S1
1 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	Specification according to
2 6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.0	0.0	0.01	ISO/IEC 15775 Annex G
3 12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.0	0.01	and DIN 33866-1 Annex G
4 19.08	0.0	0.0	0.2	19.08	0.0	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	0.0	0.01	
6 31.8	0.0	0.0	0.33	31.8	0.0	0.0	0.0	0.0	0.0	0.01	
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8 44.52	0.0	0.0	0.47	44.52	0.0	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	0.0	0.01	
10 57.25	0.0	0.0	0.6	57.25	0.0	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	0.0	0.01	
12 69.97	0.0	0.0	0.73	69.97	0.0	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	0.0	0.01	
14 82.69	0.0	0.0	0.87	82.69	0.0	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	0.0	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	0.0	0.01	$\Delta E^*_{\text{CIELAB}} = 0.0$
17 0.0	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	0.0	0.01	
19 47.71	0.0	0.0	0.5	47.71	0.0	0.0	0.0	0.0	0.0	0.01	
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	Mean colour reproduction index: $R^*_{ab,m} = 100$										
OE730-3A-032-11: File: Measure unknown; Device: Device unknown; Date: Date unknown											

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

Layout example: three 5 step colour series
White W 5 steps, 4 differences
Chromatic X 5 steps, 4 differences

Black N

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Are the three 5step series distinguishable on all pages? underline: Yes/No

Are the three 5step series distinguishable on all pages? underline: Yes 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?

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Page 5: Yes/No, if No ../12 step differences are distinguashable of $V = V_0$ blue Page 6: Yes/No, if No ../12 step differences are distinguashable of $M = M_0$ agenta Red

Page 7: Yes/No, if No ../12 step differences are distinguashable of R = Elementary Red Page 8: Yes/No, if No ../12 step differences are distinguashable of J = Elementary yellow Page 9: Yes/No, if No ../12 step differences are distinguashable of G = Elemantary Green

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

i LAB*	ref		l*out	LAB*	out		LAB:	*out/c-	ref	ΔΕ*	Start output S1
1 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	Specification according to
2 6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.0	0.0	0.01	ISO/IEC 15775 Annex G
3 12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.0	0.01	and DIN 33866-1 Annex G
4 19.08	0.0	0.0	0.2	19.08	0.0	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	0.0	0.01	
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7 38.16	0.0	0.0	0.4	38.16	0.0	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	0.0	0.01	
9 50.89	0.0	0.0	0.53	50.89	0.0	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	0.0	0.01	
11 63.61	0.0	0.0	0.67	63.61	0.0	0.0	0.0	0.0	0.0	0.01	
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13 76.33	0.0	0.0	0.8	76.33	0.0	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	0.0		Mean lightness difference (16 steps)
16 95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0		$\Delta E^*_{\text{CIELAB}} = 0.0$
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OE730-3	OE730–3A-033-11: File: Measure unknown; Device: Device unknown; Date: Date unknown										

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

Layout example: three 5 step colour series
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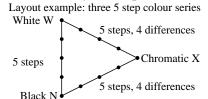
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Sum: ../10 Yes-Pages and .../120 step differences are distingishable

Black N

i LAB*	ref		l*out	LAB*	out		LAB	*out/c-	ref	ΔΕ*	Start output S1
1 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	Specification according to
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5 25.44	0.0	0.0	0.27	25.44	0.0	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	0.0	0.01	
7 38.16	0.0	0.0	0.4	38.16	0.0	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	0.0	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	0.0	0.01	
12 69.97	0.0	0.0	0.73	69.97	0.0	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	0.0	0.01	
14 82.69	0.0	0.0	0.87	82.69	0.0	0.0	0.0	0.0	0.0	0.01	
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17 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	
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OE730-3	OE730–3A-034-11: File: Measure unknown; Device: Device unknown; Date: Date unknown										

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



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 distinguashable steps.

All steps of the three series N–W, W–X and X–N should be distiguishable on **all** pages. underline: Yes/No

Are the three 5step series distinguishable on all pages?

only in case of No: Are the three 5 step series on Page x of 10 pages distiguishable? Underline Yes/No and give in case of No the number of distinguishable steps?

Page 1: Yes/No, if No ../12 step differences are distinguashable of O = Orange Red Page 2: Yes/No, if No ../12 step differences are distinguashable of Y = Yellow

3: Yes/No, if No ../12 step differences are distinguashable of L = Leaf green Page Page 4: Yes/No, if No ../12 step differences are distinguashable of C = Cyan blue 5: Yes/No, if No ../12 step differences are distinguashable of V = Violett blue

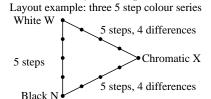
Page Page 6: Yes/No, if No ../12 step differences are distinguashable of M = Magenta Red Page 7: Yes/No, if No ../12 step differences are distinguashable of R = Elementary Red

Page 8: Yes/No, if No ../12 step differences are distinguashable of J = Elementary yellow 9: Yes/No, if No ../12 step differences are distinguashable of G = Elemantary Green Page Page 10: Yes/No, if No ../12 step differences are distinguashable of B = Elementary blue

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

i LAB*	ref		l*out	LAB*	out		LAB	*out/c-	ref	ΔΕ*	Start output S1
1 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	Specification according to
2 6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.0	0.0	0.01	ISO/IEC 15775 Annex G
3 12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.0	0.01	and DIN 33866-1 Annex G
4 19.08	0.0	0.0	0.2	19.08	0.0	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	0.0	0.01	
6 31.8	0.0	0.0	0.33	31.8	0.0	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	0.0	0.01	
8 44.52	0.0	0.0	0.47	44.52	0.0	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	0.0	0.01	
10 57.25	0.0	0.0	0.6	57.25	0.0	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	0.0	0.01	
12 69.97	0.0	0.0	0.73	69.97	0.0	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	0.0	0.01	
14 82.69	0.0	0.0	0.87	82.69	0.0	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	0.0		Mean lightness difference (16 steps)
16 95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0		$\Delta E^*_{\text{CIELAB}} = 0.0$
17 0.0	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	0.0	0.01	
19 47.71	0.0	0.0	0.5	47.71	0.0	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	0.0		Mean lightness difference (5 steps)
21 95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0		$\Delta L *_{\text{CIELAB}} = 0.0$
	Mean colour reproduction index: $R^*_{ab,m} = 100$										
OE730-3A-035-11: File: Measure unknown; Device: Device unknown; Date: Date unknown											

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



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Are the three 5step series distinguishable on all pages? underline: Yes/No

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

Page 6: Yes/No, if No ../12 step differences are distinguashable of M = Magenta Red Page 7: Yes/No, if No ../12 step differences are distinguashable of R = Elementary Red Page 8: Yes/No, if No ../12 step differences are distinguashable of J = Elementary yellow

9: Yes/No, if No ../12 step differences are distinguashable of G = Elemantary Green Page Page 10: Yes/No, if No ../12 step differences are distinguashable of B = Elementary blue

Sum: ../10 Yes-Pages and .../120 step differences are distingishable Part 1

i LAB*	ref		l*out	LAB*	out		LAB	*out/c-	ref	ΔΕ*	Start output S1
1 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	Specification according to
2 6.36	0.0	0.0	0.07	6.36	0.0	0.0	0.0	0.0	0.0	0.01	ISO/IEC 15775 Annex G
3 12.72	0.0	0.0	0.13	12.72	0.0	0.0	0.0	0.0	0.0	0.01	and DIN 33866-1 Annex G
4 19.08	0.0	0.0	0.2	19.08	0.0	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	0.0	0.01	
6 31.8	0.0	0.0	0.33	31.8	0.0	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	0.0	0.01	
8 44.52	0.0	0.0	0.47	44.52	0.0	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	0.0	0.01	
10 57.25	0.0	0.0	0.6	57.25	0.0	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	0.0	0.01	
12 69.97	0.0	0.0	0.73	69.97	0.0	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	0.0	0.01	
14 82.69	0.0	0.0	0.87	82.69	0.0	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	0.0	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	0.0	0.01	$\Delta E^*_{\text{CIELAB}} = 0.0$
17 0.0	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	0.0	0.01	
19 47.71	0.0	0.0	0.5	47.71	0.0	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	0.0	0.01	Mean lightness difference (5 steps)
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OE730-3	OE730-3A-036-11: File: Measure unknown; Device: Device unknown; Date: Date unknown										

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

Layout example: three 5 step colour series White W 5 steps, 4 differences Chromatic X 5 steps 5 steps, 4 differences

Black N

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Page

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