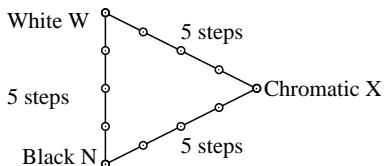**Equality of 5 step colour series by two definitions (Yes/No decision)**

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
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Any colour is defined by two different
PS-operators in center and surround field

All colours of the three series N–W, W–X and X–N should equal on **all** pages
Are the center and surround field colours equal on all pages?   underline: Yes/No
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How many of the 3x4=12 steps are equal?
Page 1: equal are out of 12 steps: .... steps of O = Orange Red
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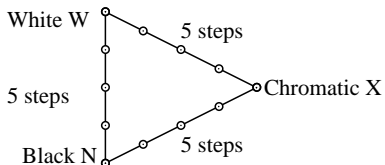Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
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_____
Sum: Of the given 3x4x10=120 steps .... steps are equal

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	0.0	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	$\Delta E^*_{CIELAB} =$ 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)**
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01	$\Delta L^*_{CIELAB} =$ 0.0

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

Equality of 5 step colour series by two definitions (Yes/No decision)

Layout example: three 5 step colour series

White W

5 steps

5 steps

Chromatic X

Black N

5 steps

There are three basic colours on each page:
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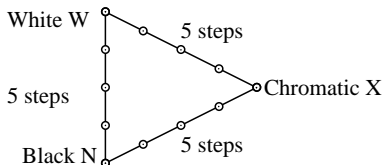Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
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16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01	$\Delta E^*_{CIELAB} =$ 0.0
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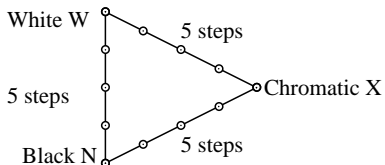Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
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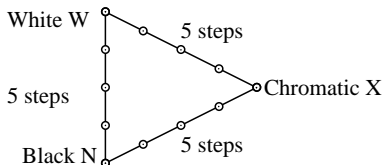   Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
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OE750−3A-033-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

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Chromatic X

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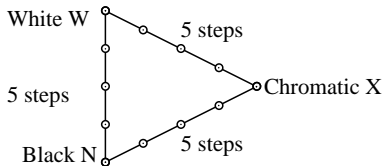Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
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PS-operators in center and surround field

All colours of the three series N–W, W–X and X–N should equal on **all** pages

Are the center and surround field colours equal on all pages?   underline: Yes/No

only if No:

    How many of the 3x4=12 steps are equal?
    Page 1: equal are out of 12 steps: .... steps of O = Orange Red
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    Page 3: equal are out of 12 steps: .... steps of L = Leaf Green
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    Page 6: equal are out of 12 steps: .... steps of M = Magenta Red
    Page 7: equal are out of 12 steps: .... steps of R = Elementary Red
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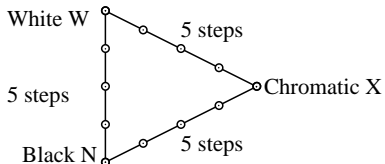   Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
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_____
Sum: Of the given 3x4x10=120 steps .... steps are equal

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	0.0	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	$\Delta E^*_{CIELAB} =$ 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)**
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01	$\Delta L^*_{CIELAB} =$ 0.0

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

OE750−3A-035-11: File: Measure unknown; Device: Device unknown; Date: Date unknown

Equality of 5 step colour series by two definitions (Yes/No decision)

Layout example: three 5 step colour series

There are three basic colours on each page:
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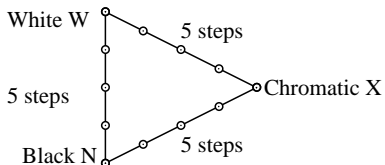Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
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