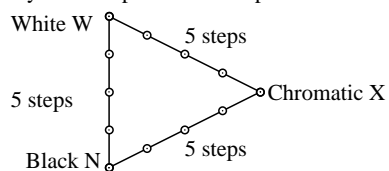


### Equality of 5 step colour series by two definitions (Yes/No decision)

Layout example: three 5 step colour series **Any display and application FF\_CM**



There are 3 basic colours on each page: N, W, X.  
Ten pages include 10 hue planes  
X = OYLCVM and RJGB.

Any colour is defined by two different  
PS-operators in center and surround field.  
**FF\_CM with PS test chart 1 (rgb -> rgba)  
according to DIN 33872-4, file -> display**

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: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x4=12 steps are equal? (**Application of FF\_CM, pages 11-22**)

- Page 1: equal are out of 12 steps: ..... steps of O = Orange red  
Page 2: equal are out of 12 steps: ..... steps of Y = Yellow  
Page 3: equal are out of 12 steps: ..... steps of L = Leaf green  
Page 4: equal are out of 12 steps: ..... steps of C = Cyan blue  
Page 5: equal are out of 12 steps: ..... steps of V = Violet blue  
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  
Page 8: equal are out of 12 steps: ..... steps of J = Elementary Yellow  
Page 9: equal are out of 12 steps: ..... steps of G = Elementary Green  
Page 10: equal are out of 12 steps: ..... steps of B = Elementary Blue

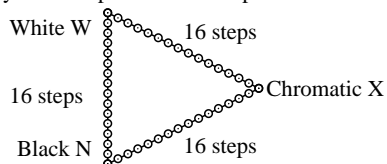
Sum: Of the given 3x4x10=120 steps ..... steps are equal

Part 1

LE990-3, De140-3

### Equality of 16 step colour series by two definitions (Yes/No decision)

Layout example: three 16 step colour series **Any display and application FF\_CM**



There are 3 basic colours on each page: N, W, X.  
Ten pages include 10 hue planes  
X = OYLCVM and RJGB.

Any colour is defined by two different  
PS-operators in center and surround field.  
**FF\_CM with PS test chart 1 (rgb -> rgba)  
according to DIN 33872-4, file -> display**

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: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x15=45 steps are equal? (**Application of FF\_CM, pages 11-22**)

- Page 1: equal are out of 45 steps: ..... steps of O = Orange red  
Page 2: equal are out of 45 steps: ..... steps of Y = Yellow  
Page 3: equal are out of 45 steps: ..... steps of L = Leaf green  
Page 4: equal are out of 45 steps: ..... steps of C = Cyan blue  
Page 5: equal are out of 45 steps: ..... steps of V = Violet blue  
Page 6: equal are out of 45 steps: ..... steps of M = Magenta red  
Page 7: equal are out of 45 steps: ..... steps of R = Elementary Red  
Page 8: equal are out of 45 steps: ..... steps of J = Elementary Yellow  
Page 9: equal are out of 45 steps: ..... steps of G = Elementary Green  
Page 10: equal are out of 45 steps: ..... steps of B = Elementary Blue

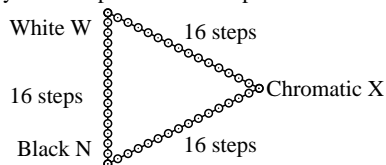
Sum: Of the given 3x15x10=450 steps ..... steps are equal

Part 2

LE990-7, De141-3

### Equality of 16 step colour series by two definitions (Yes/No decision)

Layout example: three 16 step colour series **Any display and application FF\_CM**



There are 3 basic colours on each page: N, W, X.  
Ten pages include 10 hue planes  
X = OYLCVM and RJGB.

Any colour is defined by two different  
PS-operators in center and surround field.  
**FF\_CM with PS test chart 1 (rgb -> rgba)  
according to DIN 33872-4, file -> display**

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: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x15=45 steps are equal? (**Application of FF\_CM, pages 11-22**)

- Page 1: equal are out of 45 steps: ..... steps of O = Orange red  
Page 2: equal are out of 45 steps: ..... steps of Y = Yellow  
Page 3: equal are out of 45 steps: ..... steps of L = Leaf green  
Page 4: equal are out of 45 steps: ..... steps of C = Cyan blue  
Page 5: equal are out of 45 steps: ..... steps of V = Violet blue  
Page 6: equal are out of 45 steps: ..... steps of M = Magenta red  
Page 7: equal are out of 45 steps: ..... steps of R = Elementary Red  
Page 8: equal are out of 45 steps: ..... steps of J = Elementary Yellow  
Page 9: equal are out of 45 steps: ..... steps of G = Elementary Green  
Page 10: equal are out of 45 steps: ..... steps of B = Elementary Blue

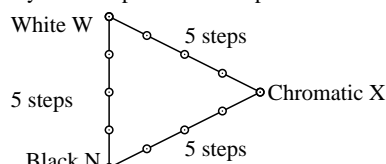
Sum: Of the given 3x15x10=450 steps ..... steps are equal

Part 2

LE990-7, De141-3

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

Layout example: three 5 step colour series **Any printer and application FF\_CM**



There are 3 basic colours on each page: N, W, X.  
Ten pages include 10 hue planes  
X = OYLCVM and RJGB.

Any colour is defined by two different  
PS-operators in center and surround field.  
**FF\_CM with PS test chart 1 (rgb -> rgba)  
according to DIN 33872-4, file -> printer**

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: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x4=12 steps are equal? (**Application of FF\_CM, pages 11-22**)

- Page 1: equal are out of 12 steps: ..... steps of O = Orange red  
Page 2: equal are out of 12 steps: ..... steps of Y = Yellow  
Page 3: equal are out of 12 steps: ..... steps of L = Leaf green  
Page 4: equal are out of 12 steps: ..... steps of C = Cyan blue  
Page 5: equal are out of 12 steps: ..... steps of V = Violet blue  
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  
Page 8: equal are out of 12 steps: ..... steps of J = Elementary Yellow  
Page 9: equal are out of 12 steps: ..... steps of G = Elementary Green  
Page 10: equal are out of 12 steps: ..... steps of B = Elementary Blue

Sum: Of the given 3x4x10=120 steps ..... steps are equal

Part 3

LE991-3, De140-3

All displays and printers, Equality of colour scales and  
discriminability of colour scales (Two Yes/No decisions)

input: **rgb->rgb<sub>d</sub>**, **cmy0->cmy0<sub>d</sub>**  
output: **cmy0<sub>d</sub>->rgb<sub>d</sub>**