

Original

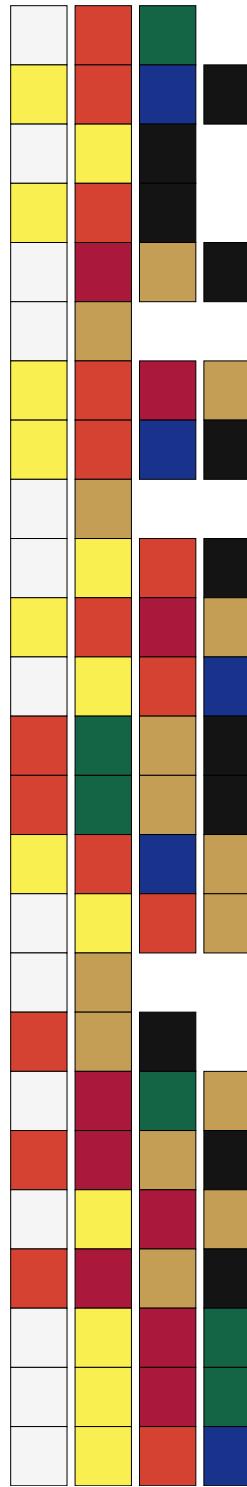


Paint by Numbers (25 colors) • model=km • max parts=1

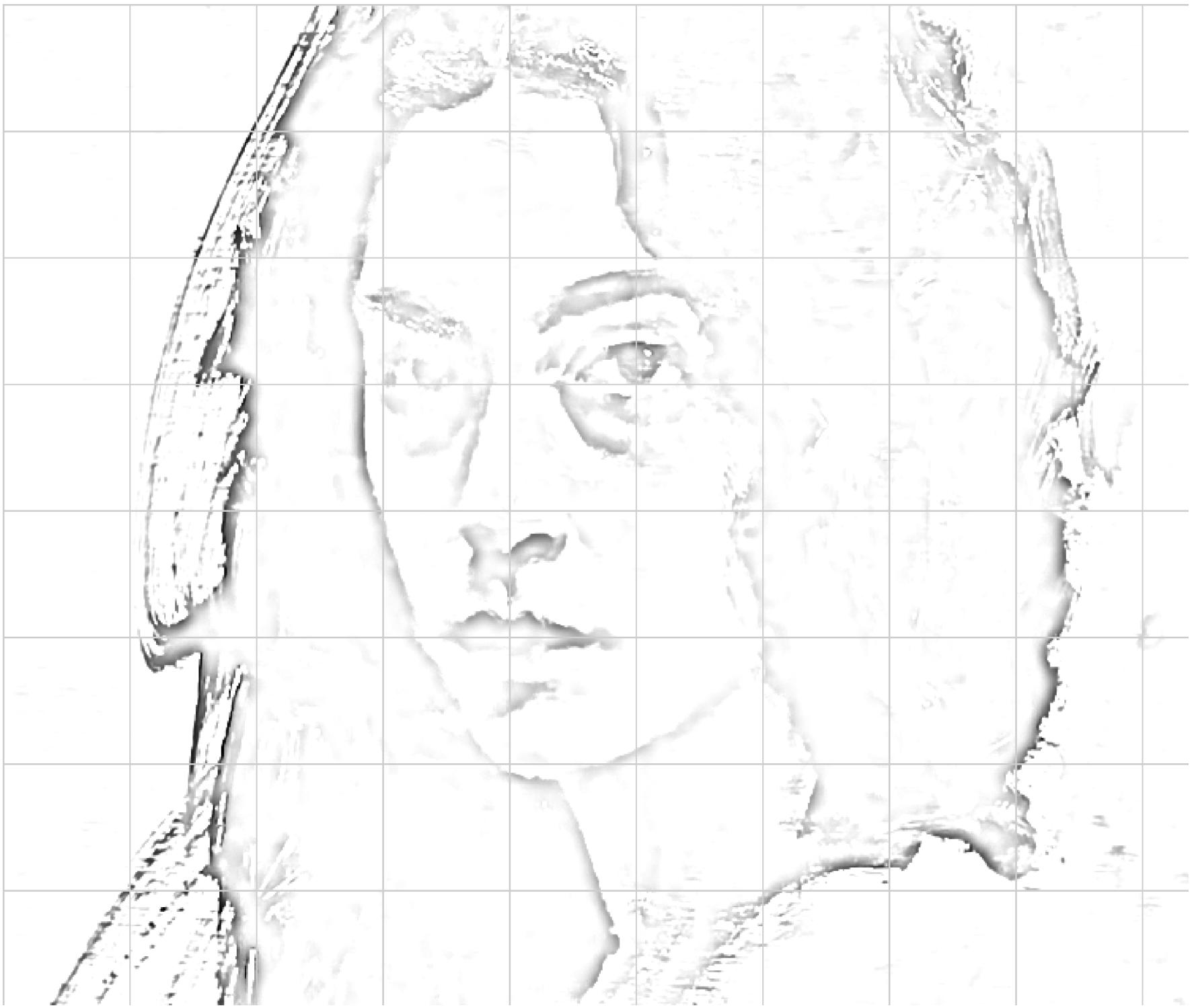


Color Key • All Clusters (single swatch = target color)

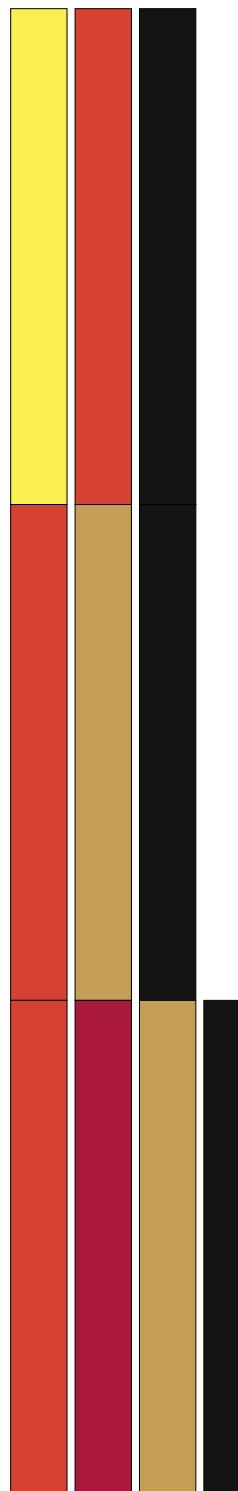
1	1: 7 parts Titanium White + 2 parts Vermillion Red + 1 part Pthalo Green • L*=0.2 • ΔE≈0.0
2	2: 2 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 3 parts Lamp Black • L*=0.1 • ΔE≈0.0
3	3: 8 parts Titanium White + 1 part Lemon Yellow + 1 part Lamp Black • L*=0.2 • ΔE≈0.0
4	4: 1 part Lemon Yellow + 2 parts Vermillion Red + 7 parts Lamp Black • L*=0.0 • ΔE≈0.0
5	5: 1 part Titanium White + 1 part Carmine + 7 parts Yellow Ochre + 1 part Lamp Black • L*=0.1 • ΔE≈0.0
6	6: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.0 • Value tweak: none (base)
7	7: 1 part Lemon Yellow + 2 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.0
8	8: 3 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 2 parts Lamp Black • L*=0.1 • ΔE≈0.0
9	9: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.0 • Value tweak: none (base)
10	10: 5 parts Titanium White + 2 parts Lemon Yellow + 2 parts Vermillion Red + 1 part Lamp Black • L*=0.2 • ΔE≈0.0
11	11: 1 part Lemon Yellow + 4 parts Vermillion Red + 1 part Carmine + 1 part Yellow Ochre + 3 parts Lamp Black
12	12: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Vermillion Red + 1 part Ultramarine + 1 part Yellow Ochre • L*=0.2 • ΔE≈0.0
13	13: 4 parts Vermillion Red + 1 part Pthalo Green + 4 parts Yellow Ochre + 1 part Lamp Black • L*=0.1 • ΔE≈0.0
14	14: 5 parts Vermillion Red + 1 part Pthalo Green + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.0
15	15: 1 part Lemon Yellow + 3 parts Vermillion Red + 1 part Ultramarine + 1 part Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.0
16	16: 2 parts Titanium White + 2 parts Lemon Yellow + 3 parts Vermillion Red + 1 part Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.0
17	17: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.0 • Value tweak: none (base)
18	18: 5 parts Vermillion Red + 1 part Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.0
19	19: 6 parts Titanium White + 1 part Carmine + 1 part Pthalo Green + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.0
20	20: 5 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.0
21	21: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Carmine + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.0
22	22: 1 part Vermillion Red + 1 part Carmine + 3 parts Yellow Ochre + 5 parts Lamp Black • L*=0.0 • ΔE≈0.0
23	23: 2 parts Titanium White + 3 parts Lemon Yellow + 2 parts Carmine + 1 part Pthalo Green + 2 parts Yellow Ochre • L*=0.1 • ΔE≈0.0
24	24: 2 parts Titanium White + 3 parts Lemon Yellow + 3 parts Carmine + 2 parts Pthalo Green • L*=0.1 • ΔE≈0.0
25	25: 4 parts Titanium White + 1 part Lemon Yellow + 3 parts Vermillion Red + 1 part Ultramarine + 1 part Pthalo Green • L*=0.1 • ΔE≈0.0



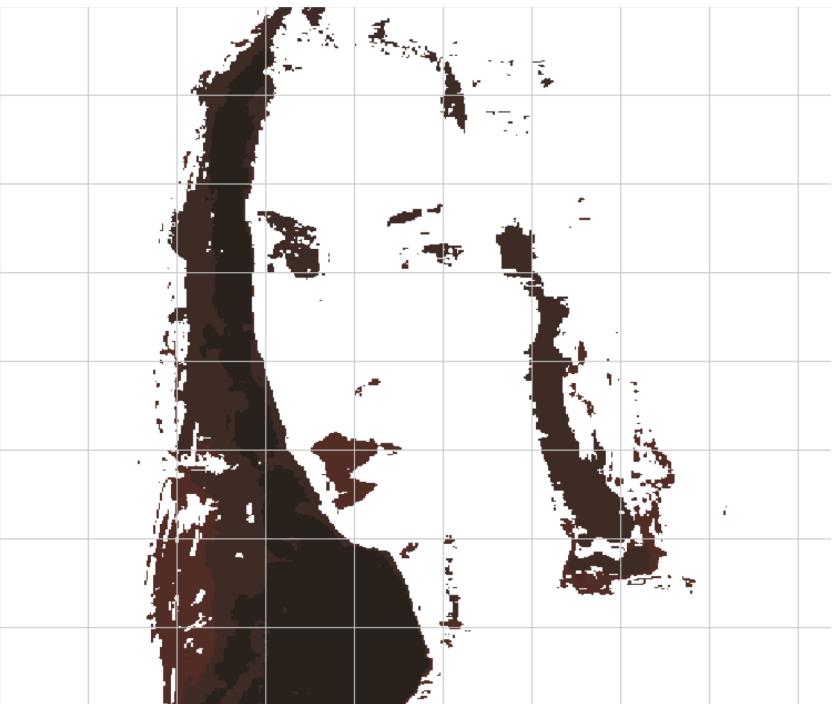
Original Edge Sketch + Grid (step=80px, percentile=85)



Color Key • Step 1 - Deep Shadows (single swatch = target color)



Step 1 - Deep Shadows + Grid



4: 1 part Lemon Yellow + 2 parts Vermillion Red + 7 parts Lamp Black •  $L^*=0.0$  •  $\Delta E \approx 0.0$

18: 5 parts Vermillion Red + 1 part Yellow Ochre + 4 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

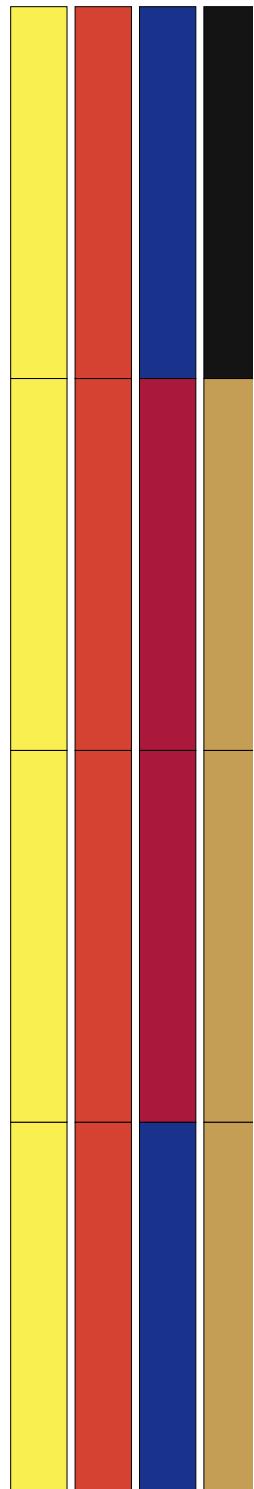
22: 1 part Vermillion Red + 1 part Carmine + 3 parts Yellow Ochre + 5 parts Lamp Black •  $L^*=0.0$  •  $\Delta E \approx 0.0$

4

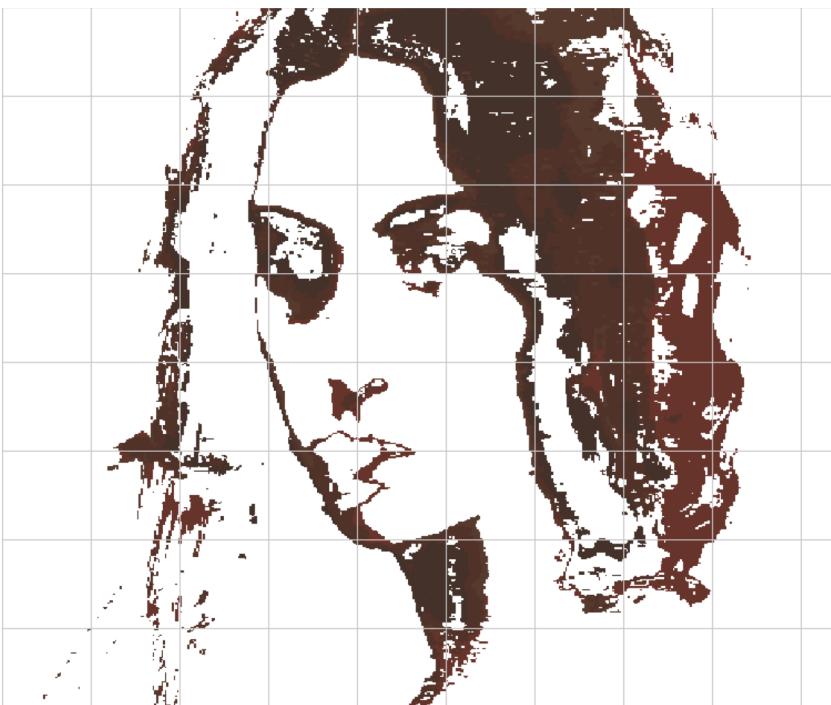
18

22

Color Key • Step 2 - Core Shadows (single swatch = target color)



Step 2 - Core Shadows + Grid



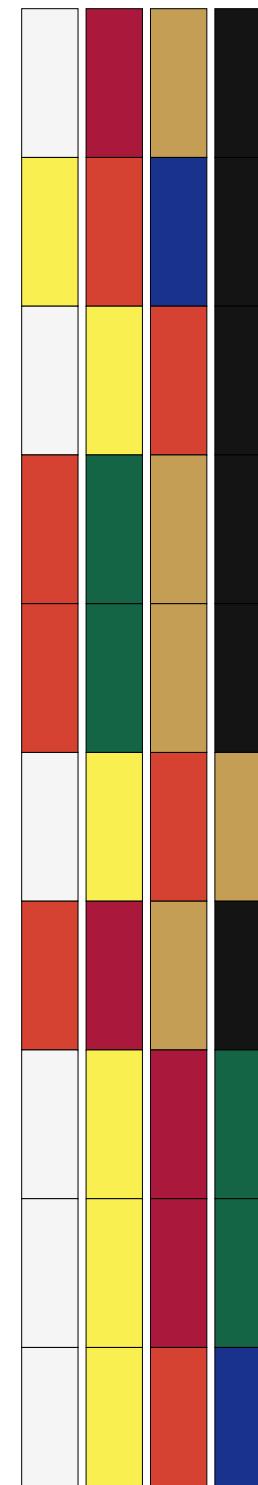
2: 2 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 3 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

7: 1 part Lemon Yellow + 2 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 4 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

11: 1 part Lemon Yellow + 4 parts Vermillion Red + 1 part Carmine + 1 part Yellow Ochre + 3 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

15: 1 part Lemon Yellow + 3 parts Vermillion Red + 1 part Ultramarine + 1 part Yellow Ochre + 4 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

## Color Key • Step 4 – Value Midtones (single swatch = target color)



### Step 4 – Value Midtones + Grid



5: 1 part Titanium White + 1 part Carmine + 7 parts Yellow Ochre + 1 part Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

8: 3 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 2 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

10: 5 parts Titanium White + 2 parts Lemon Yellow + 2 parts Vermillion Red + 1 part Lamp Black •  $L^*=0.2$  •  $\Delta E \approx 0.0$

13: 4 parts Vermillion Red + 1 part Pthalo Green + 4 parts Yellow Ochre + 1 part Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

14: 5 parts Vermillion Red + 1 part Pthalo Green + 2 parts Yellow Ochre + 2 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

16: 2 parts Titanium White + 2 parts Lemon Yellow + 3 parts Vermillion Red + 1 part Yellow Ochre + 2 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

20: 5 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 2 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

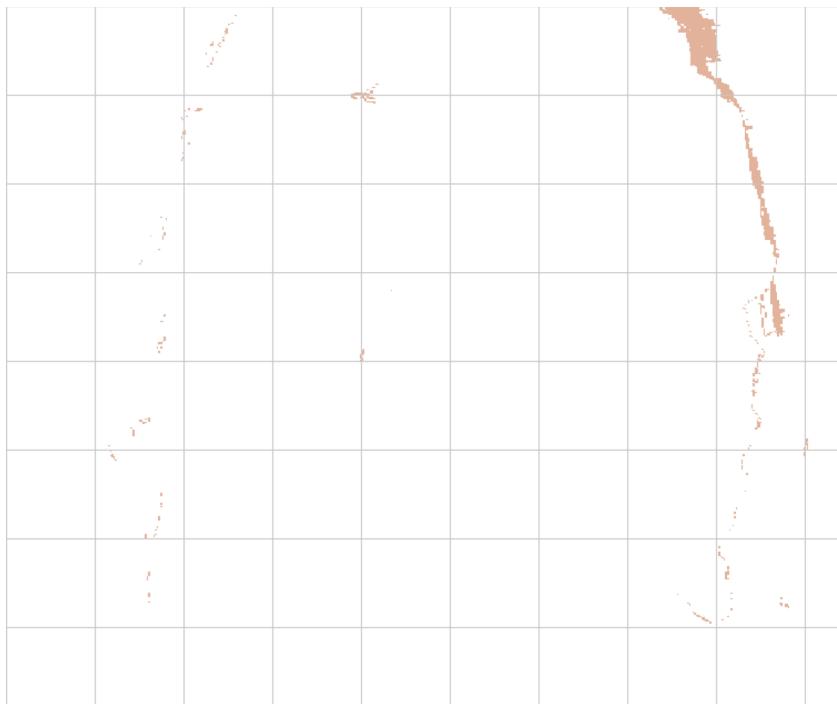
23: 2 parts Titanium White + 3 parts Lemon Yellow + 2 parts Carmine + 1 part Pthalo Green + 2 parts Yellow Ochre •  $L^*=0.1$  •  $\Delta E \approx 0.0$

24: 2 parts Titanium White + 3 parts Lemon Yellow + 3 parts Carmine + 2 parts Pthalo Green •  $L^*=0.1$  •  $\Delta E \approx 0.0$

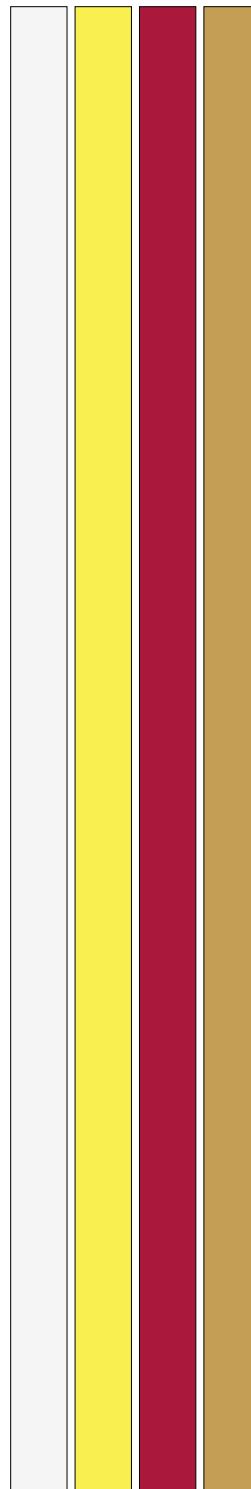
25: 4 parts Titanium White + 1 part Lemon Yellow + 3 parts Vermillion Red + 1 part Ultramarine + 1 part Pthalo Green •  $L^*=0.1$  •  $\Delta E \approx 0.0$

Color Key • Step 5 – Mid-tone Masses (single swatch = target color)

Step 5 – Mid-tone Masses + Grid

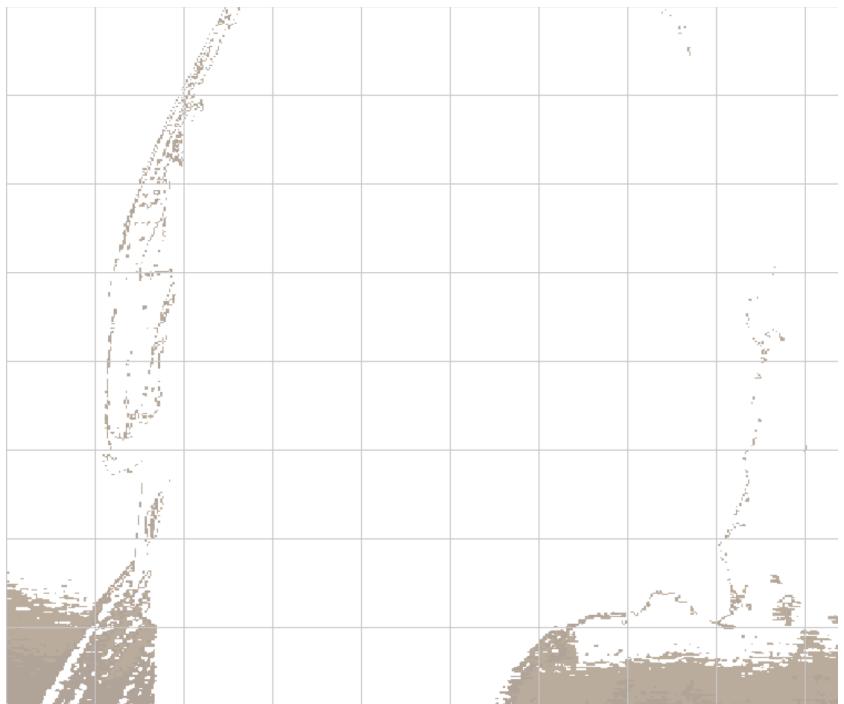


21: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Carmine + 2 parts Yellow Ochre •  $L^*=0.2$  •  $\Delta E \approx 0.0$



Color Key • Step 6 – Neutrals / Background (single swatch = target color)

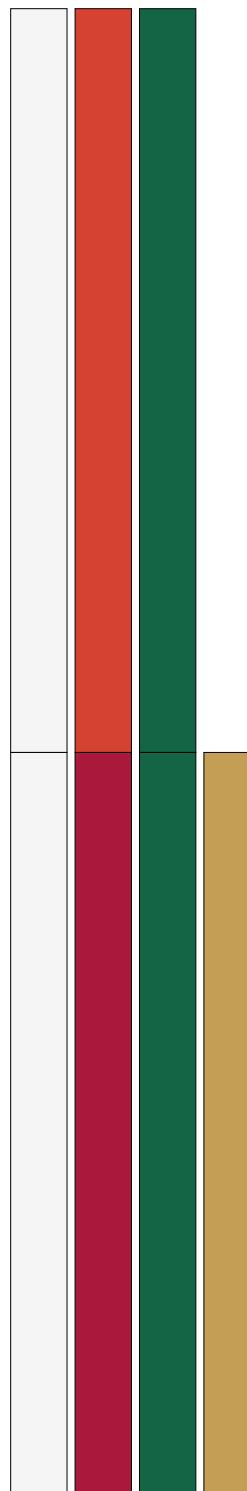
Step 6 – Neutrals / Background + Grid



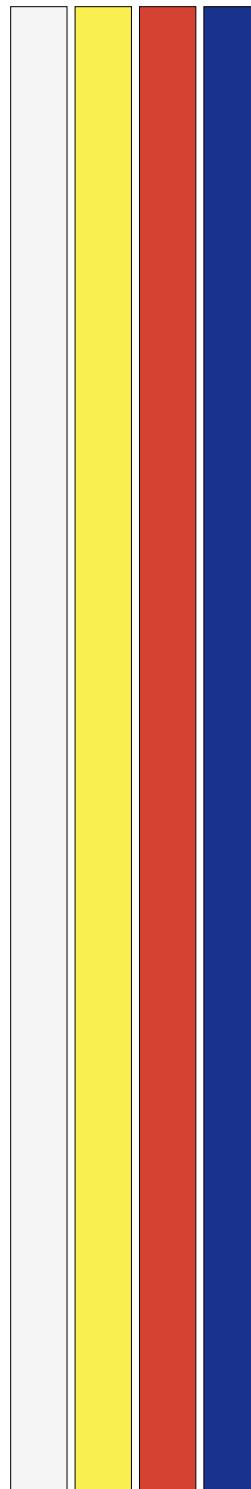
1: 7 parts Titanium White + 2 parts Vermillion Red + 1 part Pthalo Green • L\*=0.2 • ΔE≈0.0



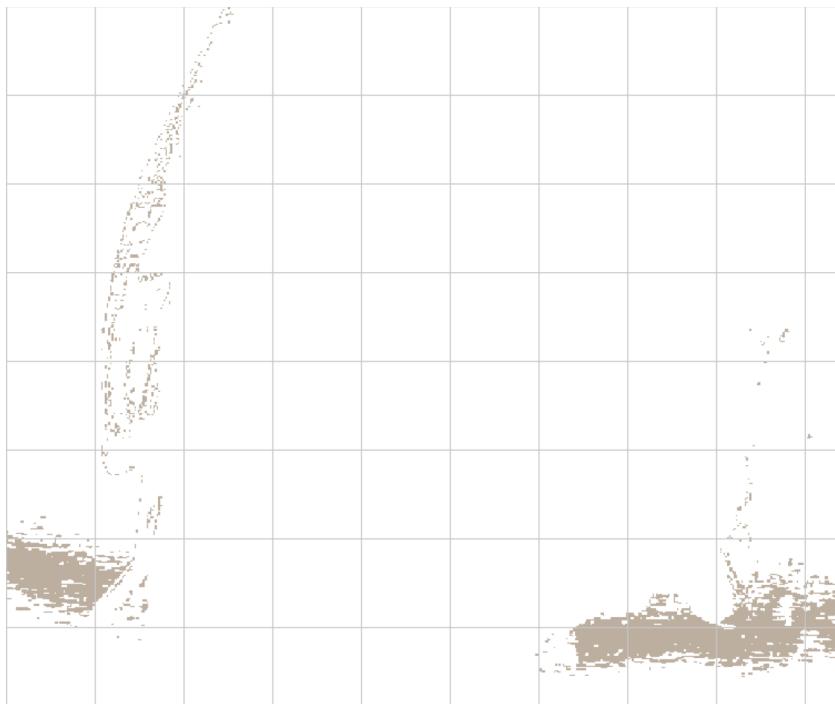
19: 6 parts Titanium White + 1 part Carmine + 1 part Pthalo Green + 2 parts Yellow Ochre • L\*=0.2 • ΔE≈0.0



Color Key • Step 7 - Half-Lights (single swatch = target color)

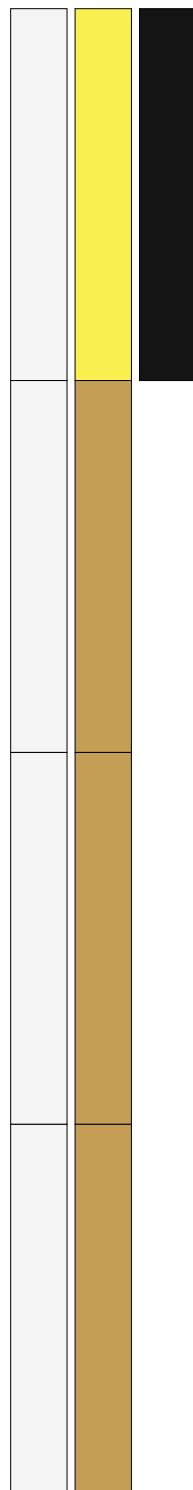


### Step 7 - Half-Lights + Grid

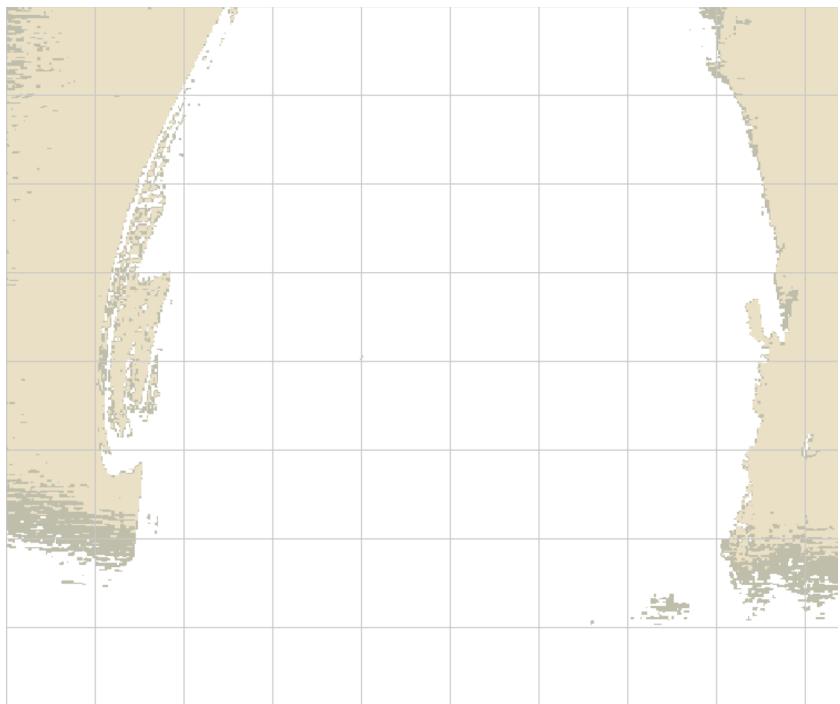


12: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Vermillion Red + 1 part Ultramarine + 1 part Yellow Ochre • L\*=0.2 • ΔE≈0.0

Color Key • Step 8 – Highlights (single swatch = target color)



Step 8 – Highlights + Grid



6: 8 parts Titanium White + 2 parts Yellow Ochre •  
 $L^*=0.2$  •  $\Delta E \approx 0.0$  • Value tweak: none (base)



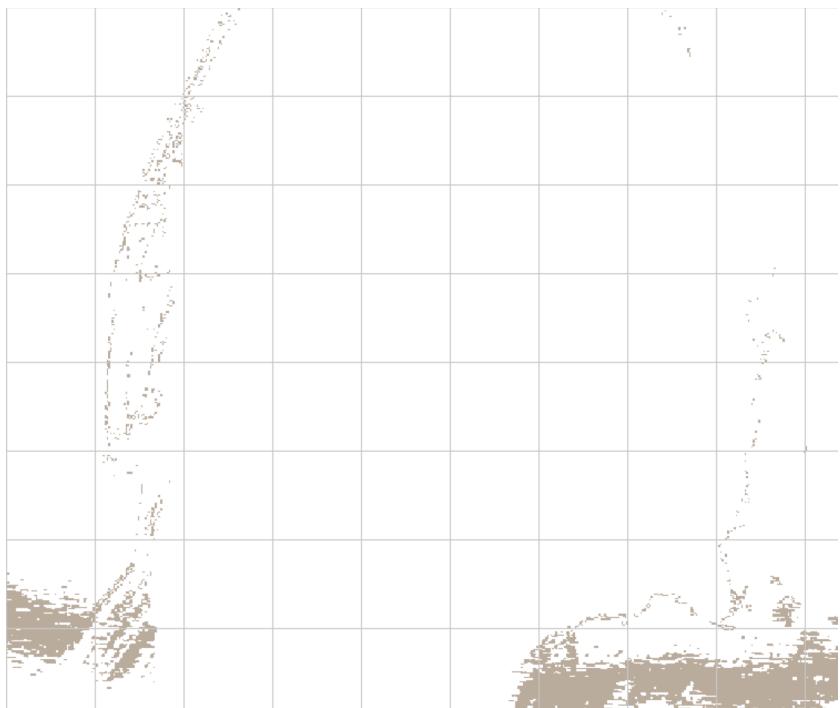
9: 8 parts Titanium White + 2 parts Yellow Ochre •  
 $L^*=0.2$  •  $\Delta E \approx 0.0$  • Value tweak: none (base)



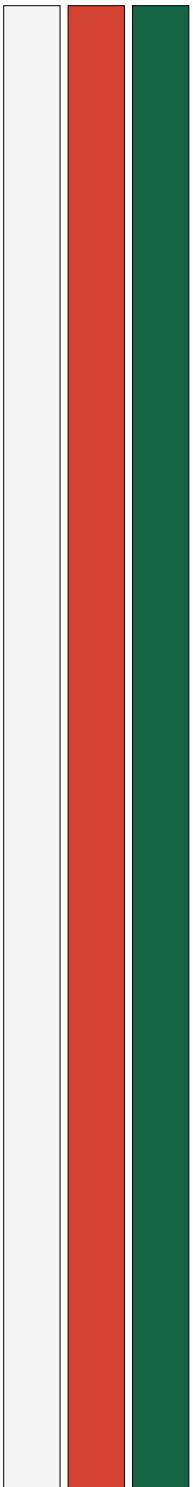
17: 8 parts Titanium White + 2 parts Yellow Ochre •  
 $L^*=0.2$  •  $\Delta E \approx 0.0$  • Value tweak: none (base)

Color Key • Color #1 (single swatch = target color)

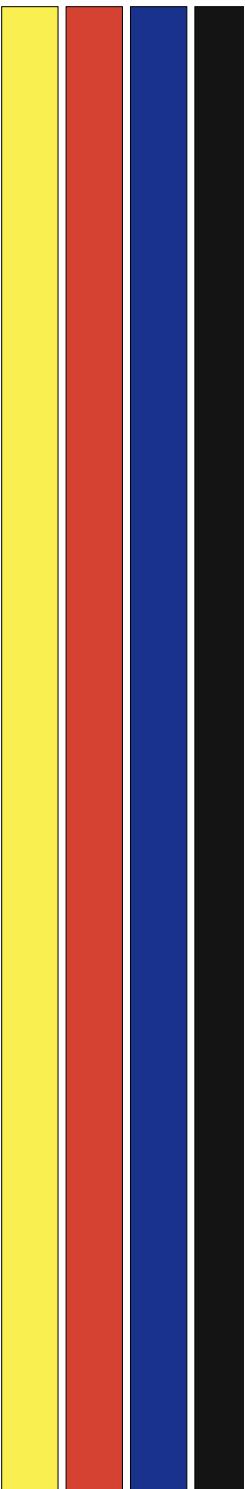
Per-Color • #1



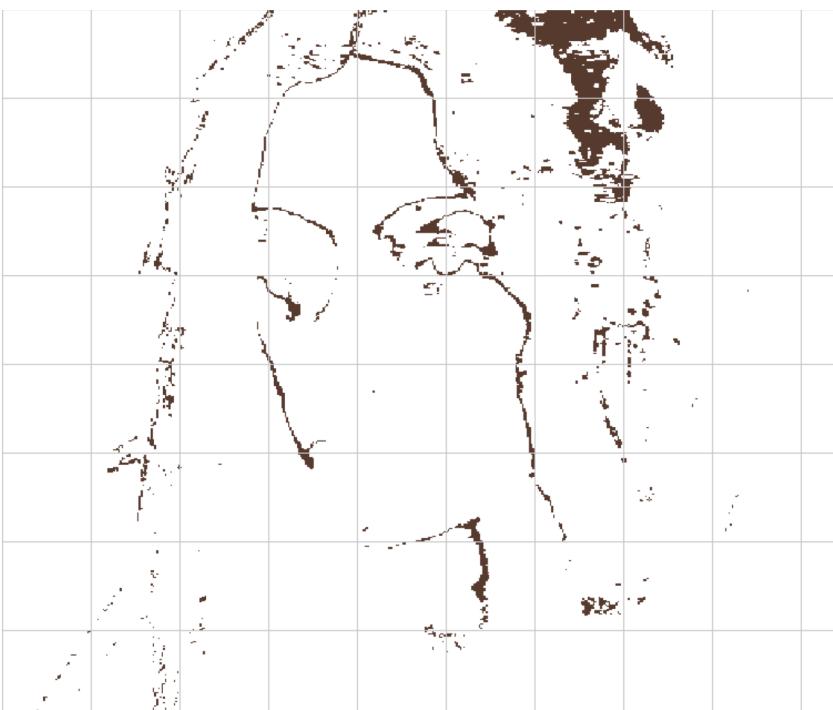
1: 7 parts Titanium White + 2 parts Vermillion Red + 1 part Pthalo Green •  $L^*=0.2$  •  $\Delta E\approx0.0$



Color Key • Color #2 (single swatch = target color)



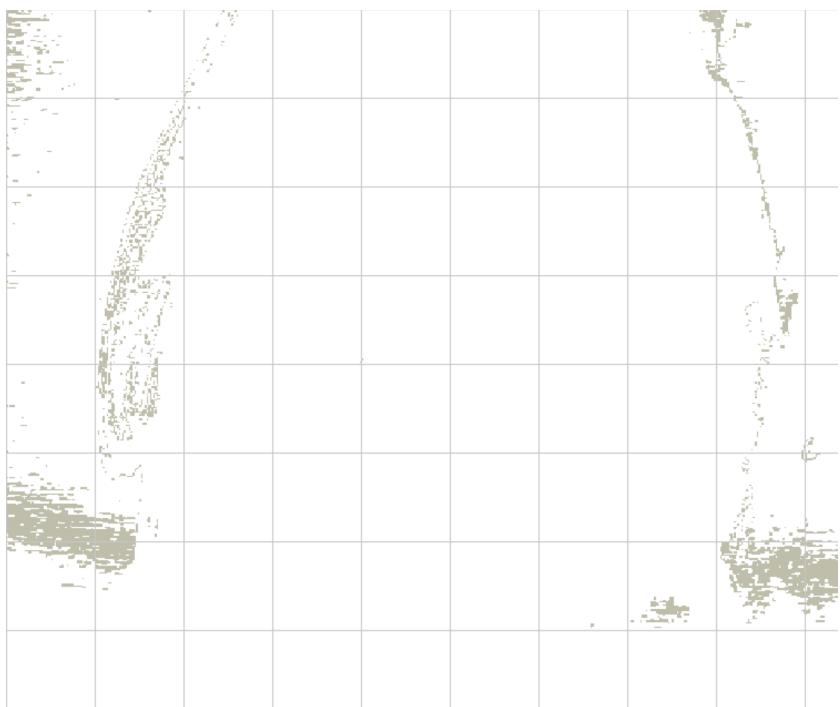
Per-Color • #2



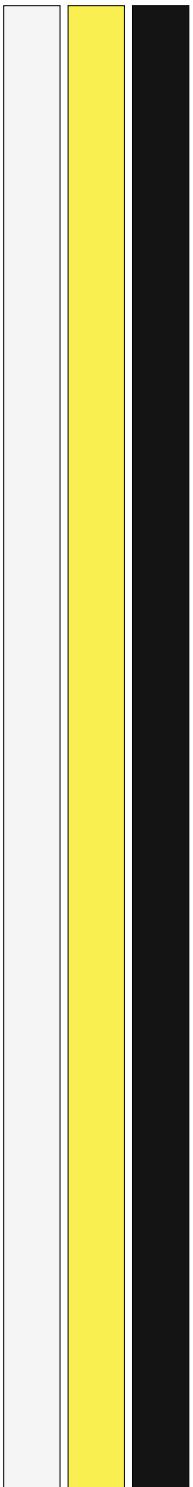
2: 2 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 3 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

Color Key • Color #3 (single swatch = target color)

Per-Color • #3



3: 8 parts Titanium White + 1 part Lemon Yellow + 1 part Lamp Black •  $L^*=0.2$  •  $\Delta E\approx0.0$

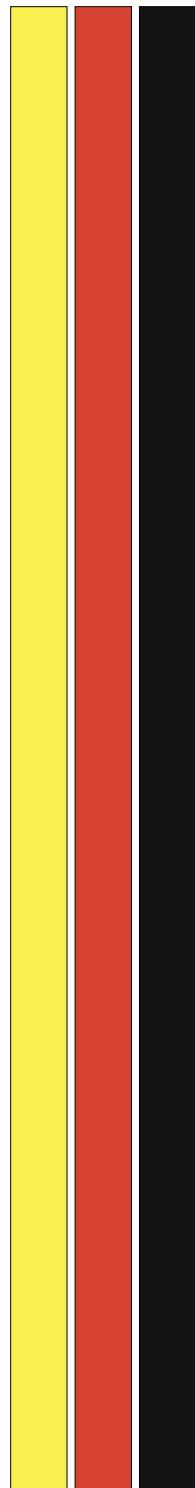


Color Key • Color #4 (single swatch = target color)

Per-Color • #4



4: 1 part Lemon Yellow + 2 parts Vermillion Red + 7  
parts Lamp Black • L\*=0.0 • ΔE≈0.0

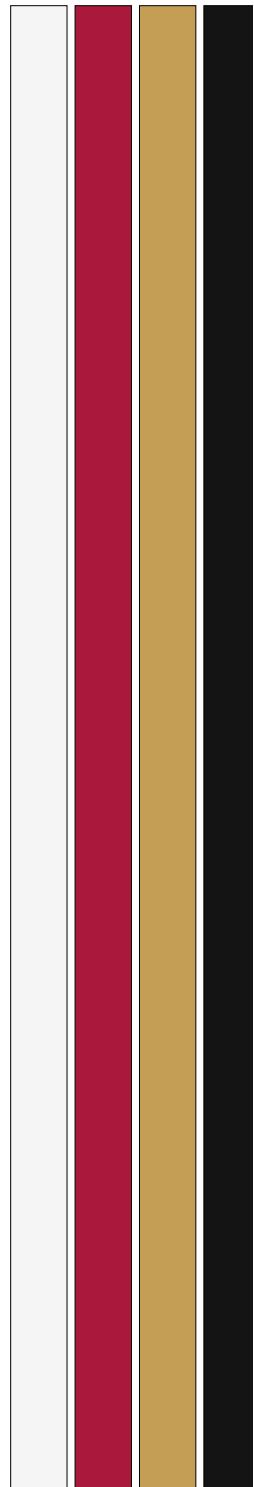


Color Key • Color #5 (single swatch = target color)

Per-Color • #5

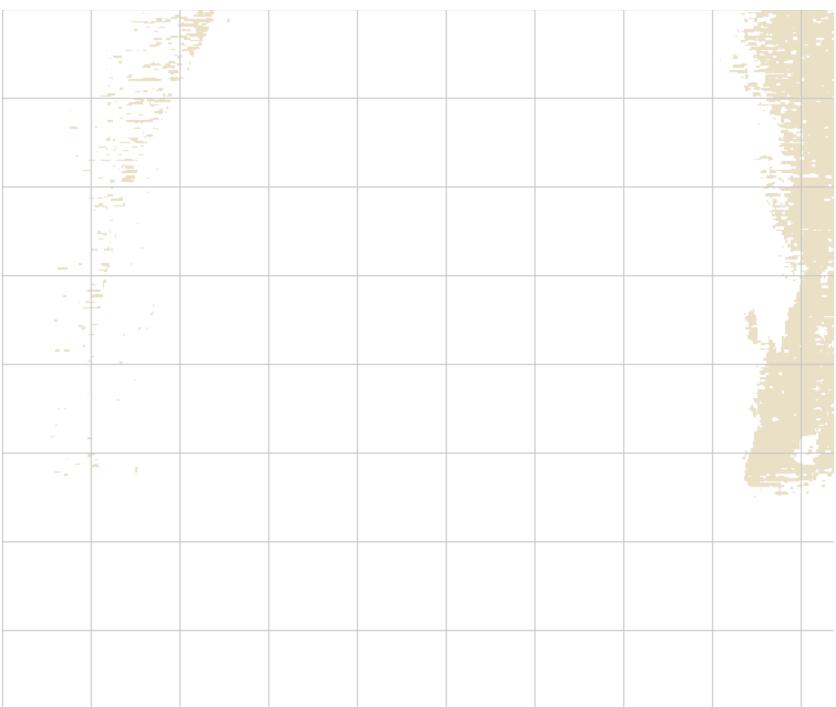


5: 1 part Titanium White + 1 part Carmine + 7 parts  
Yellow Ochre + 1 part Lamp Black • L\*=0.1 • ΔE≈0.0

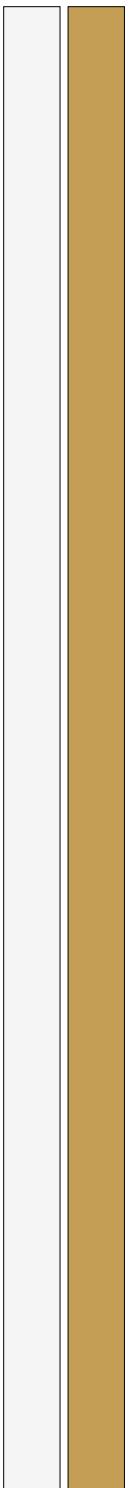


Color Key • Color #6 (single swatch = target color)

Per-Color • #6

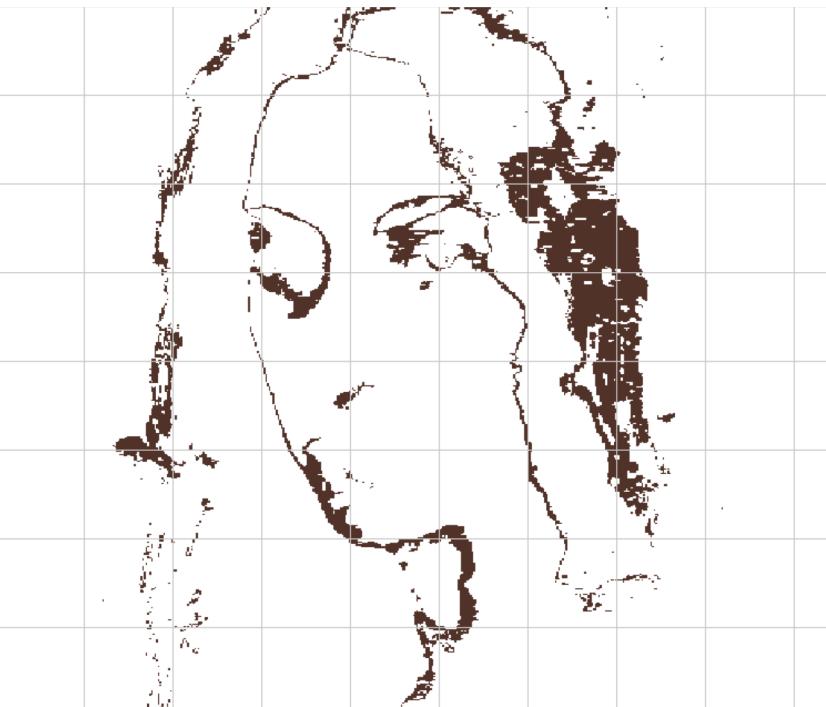


6: 8 parts Titanium White + 2 parts Yellow Ochre •  
 $L^*=0.2$  •  $\Delta E \approx 0.0$  • Value tweak: none (base)

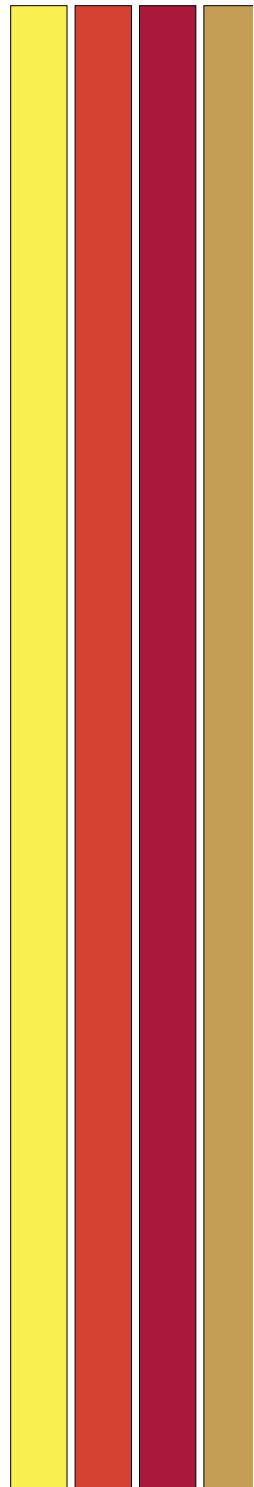


Color Key • Color #7 (single swatch = target color)

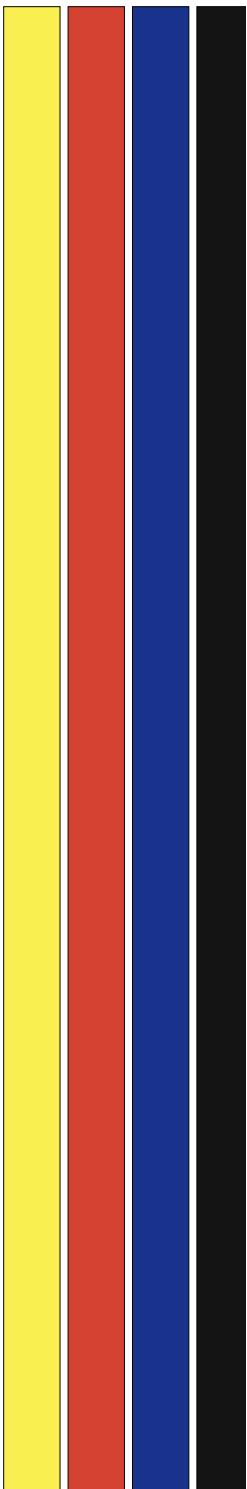
Per-Color • #7



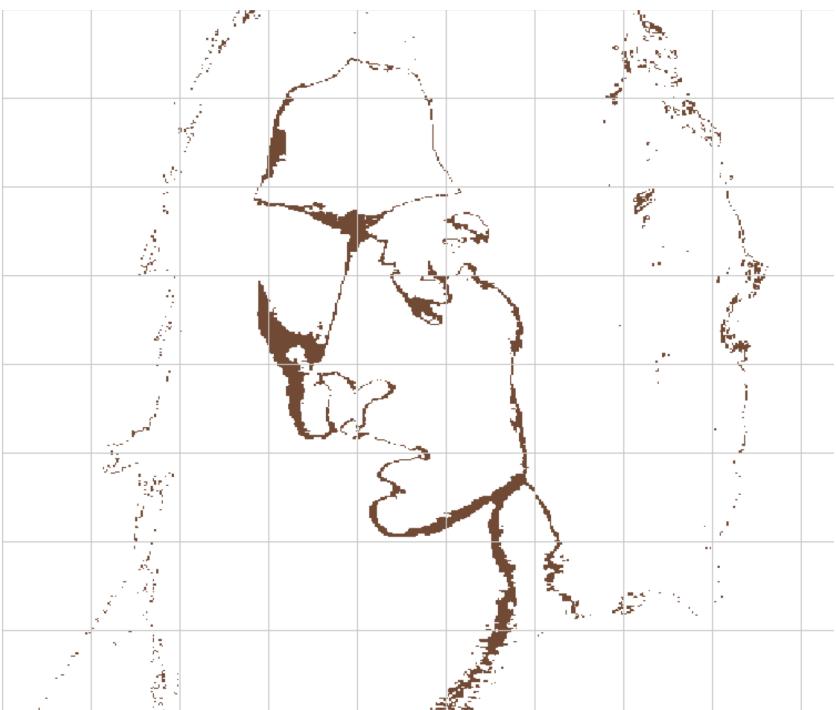
7: 1 part Lemon Yellow + 2 parts Vermillion Red + 1  
part Carmine + 2 parts Yellow Ochre + 4 parts Lamp  
Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$



Color Key • Color #8 (single swatch = target color)



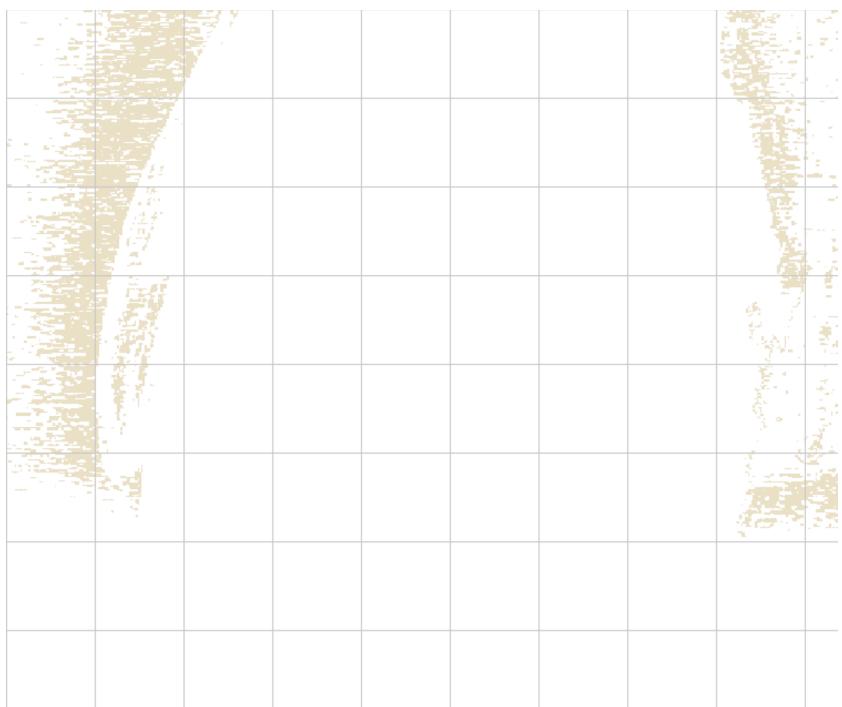
Per-Color • #8



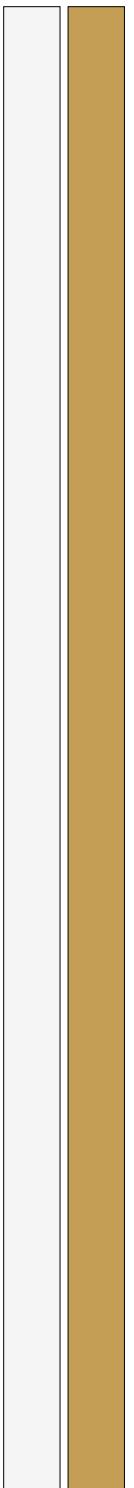
8: 3 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 2 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

Color Key • Color #9 (single swatch = target color)

Per-Color • #9



9: 8 parts Titanium White + 2 parts Yellow Ochre •  
 $L^*=0.2$  •  $\Delta E \approx 0.0$  • Value tweak: none (base)

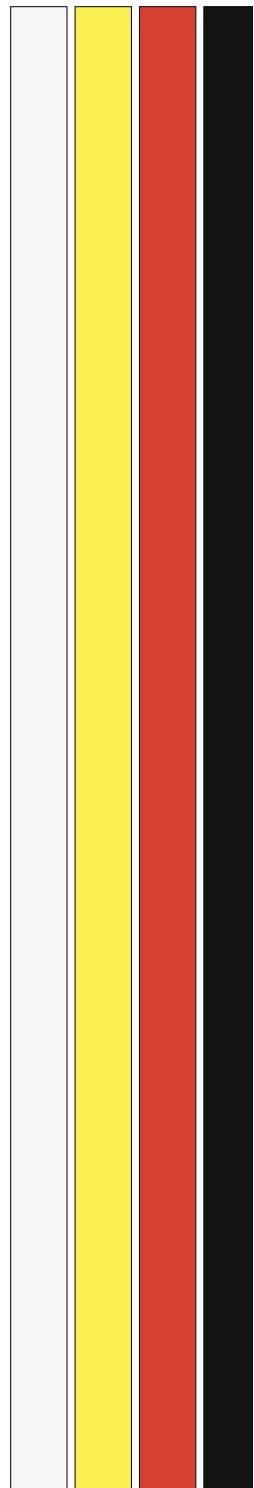


Color Key • Color #10 (single swatch = target color)

Per-Color • #10

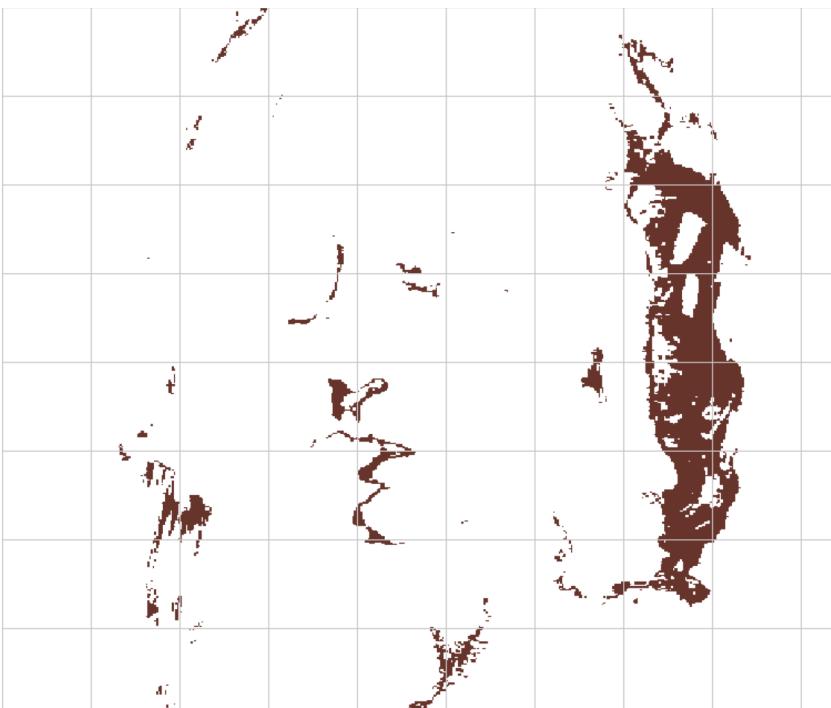


10: 5 parts Titanium White + 2 parts Lemon Yellow + 2 parts Vermillion Red + 1 part Lamp Black • L\*=0.2 • ΔE≈0.0



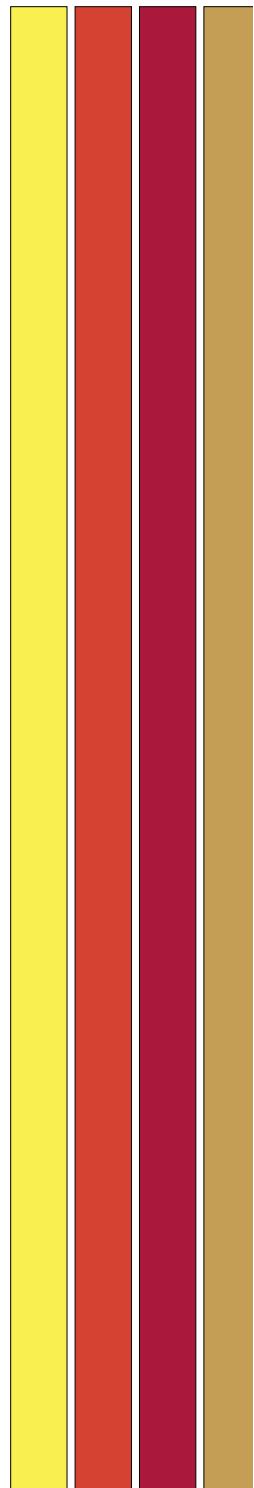
Color Key • Color #11 (single swatch = target color)

Per-Color • #11



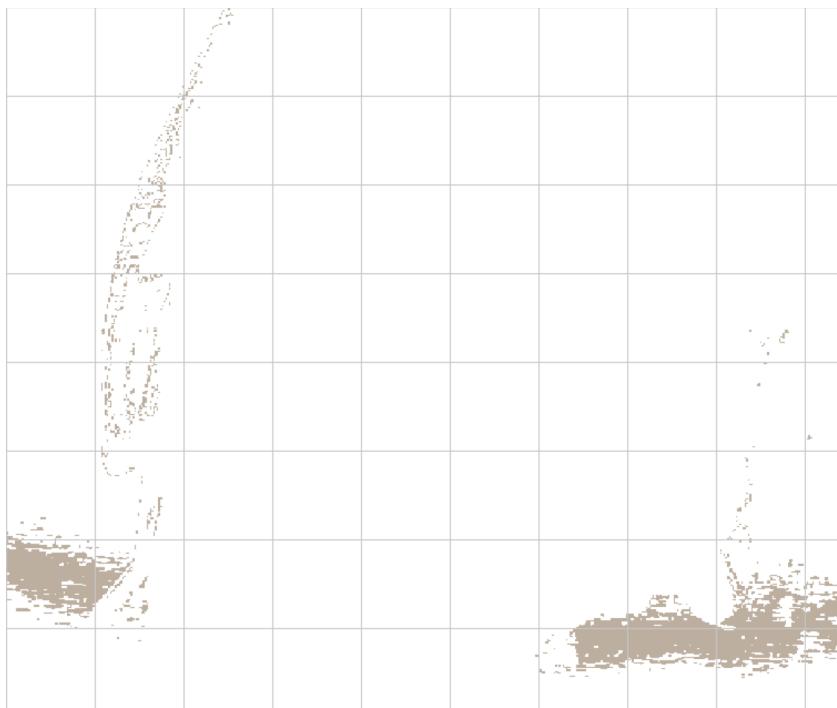
11

11: 1 part Lemon Yellow + 4 parts Vermillion Red + 1  
part Carmine + 1 part Yellow Ochre + 3 parts Lamp Black  
•  $L^*=0.1$  •  $\Delta E \approx 0.0$

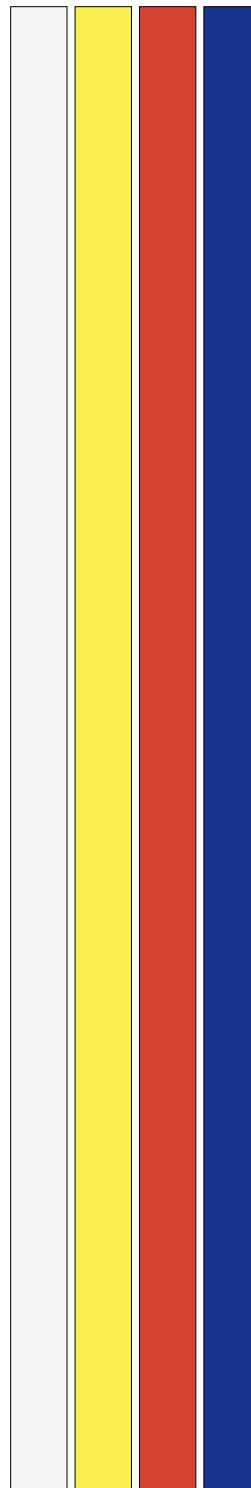


Color Key • Color #12 (single swatch = target color)

Per-Color • #12

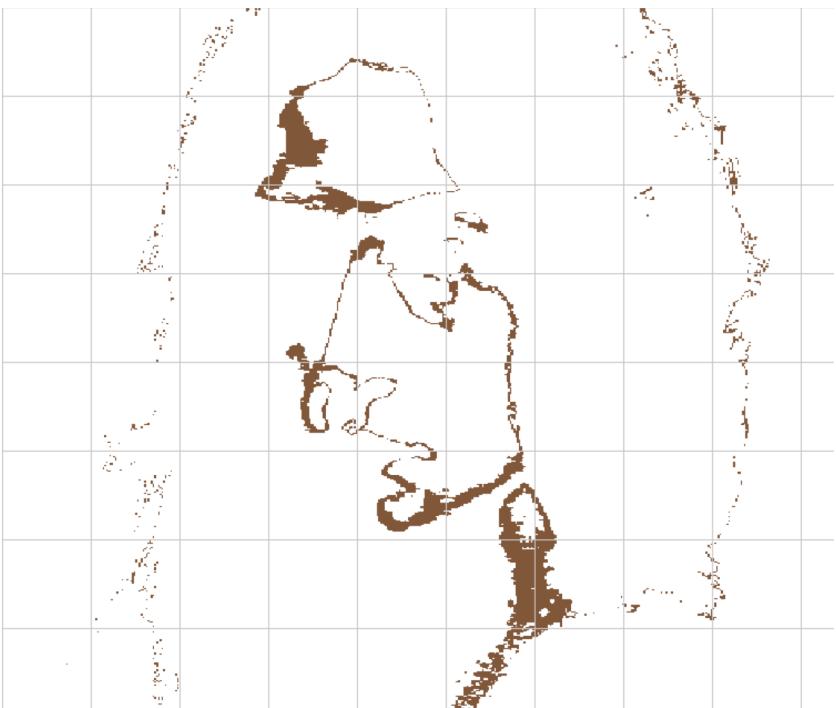


12: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Vermillion Red + 1 part Ultramarine + 1 part Yellow Ochre •  $L^*=0.2$  •  $\Delta E\approx0.0$

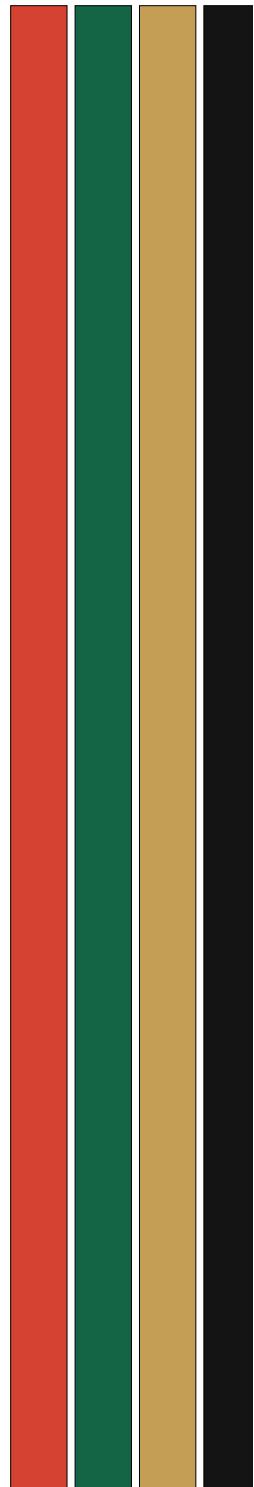


Color Key • Color #13 (single swatch = target color)

Per-Color • #13

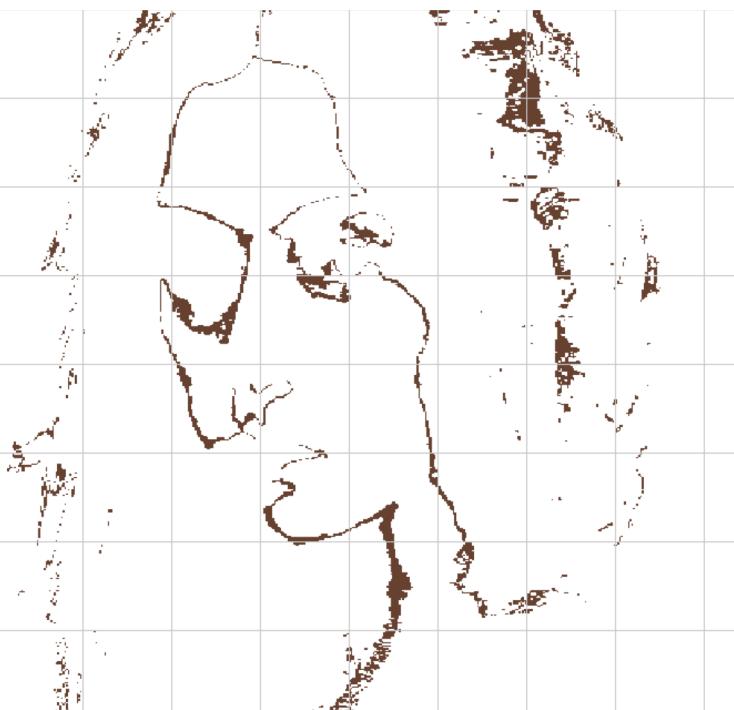


13: 4 parts Vermillion Red + 1 part Phthalo Green + 4  
parts Yellow Ochre + 1 part Lamp Black • L\*=0.1 •  
 $\Delta E \approx 0.0$

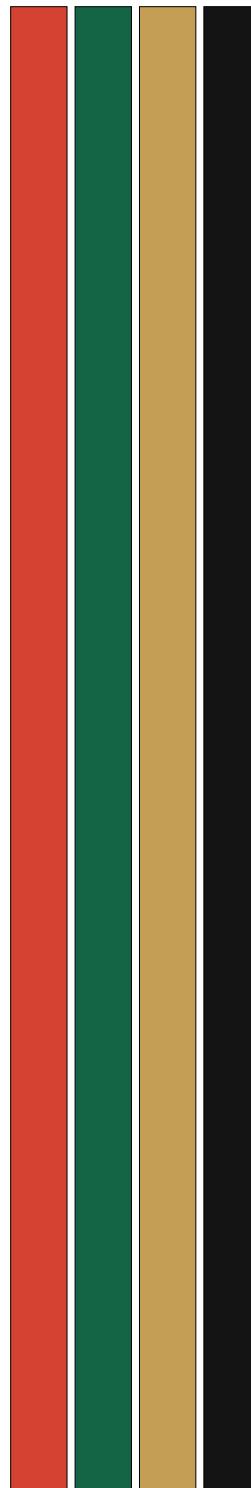


Color Key • Color #14 (single swatch = target color)

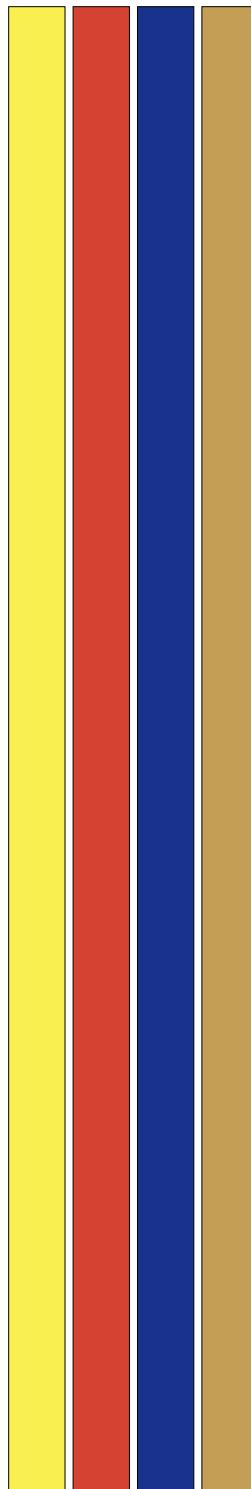
Per-Color • #14



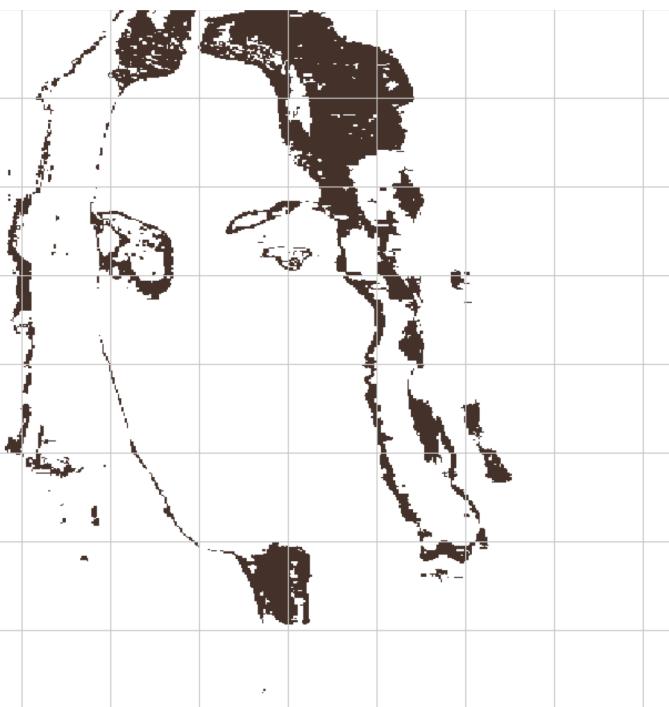
14: 5 parts Vermillion Red + 1 part Phthalo Green + 2  
parts Yellow Ochre + 2 parts Lamp Black • L\*=0.1 •  
 $\Delta E \approx 0.0$



Color Key • Color #15 (single swatch = target color)



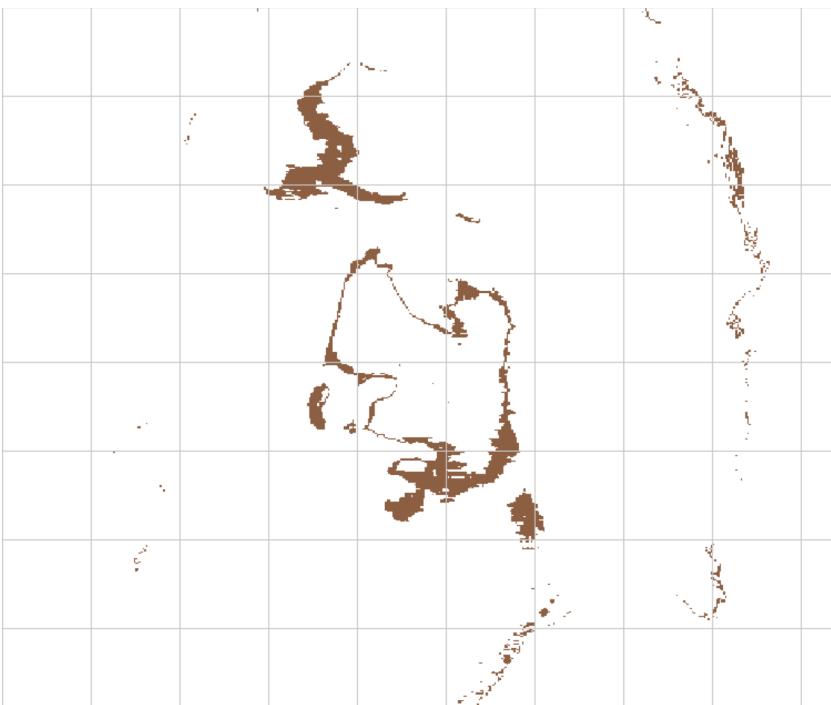
Per-Color • #15



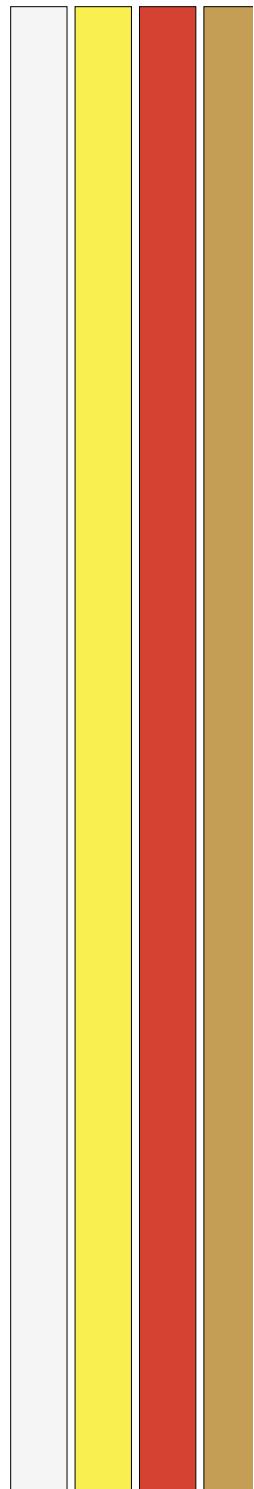
15: 1 part Lemon Yellow + 3 parts Vermillion Red + 1  
part Ultramarine + 1 part Yellow Ochre + 4 parts Lamp  
Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

Color Key • Color #16 (single swatch = target color)

Per-Color • #16

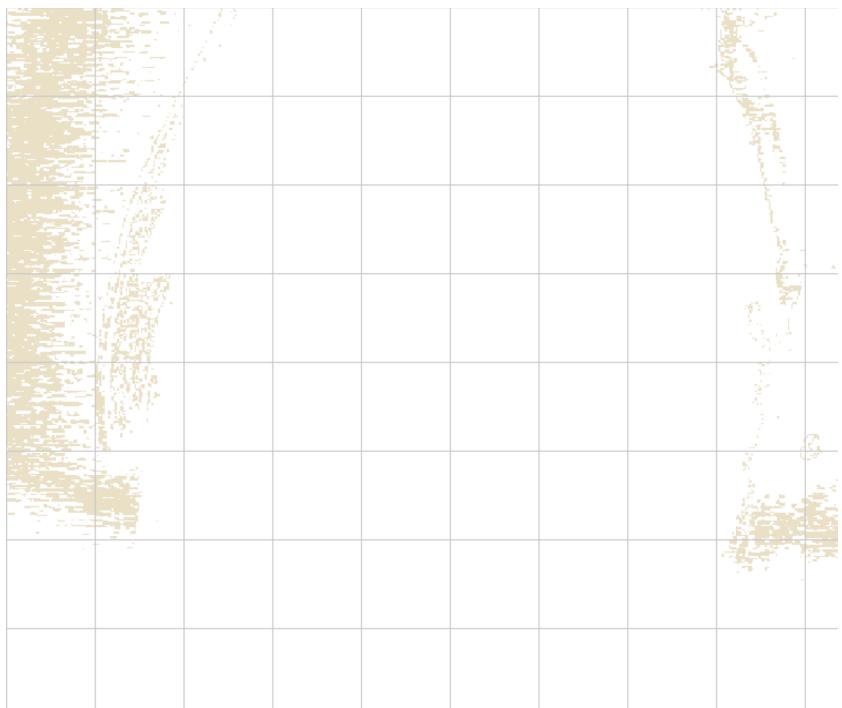


16: 2 parts Titanium White + 2 parts Lemon Yellow + 3  
parts Vermillion Red + 1 part Yellow Ochre + 2 parts  
Lamp Black •  $L^*=0.1$  •  $\Delta E\approx0.0$

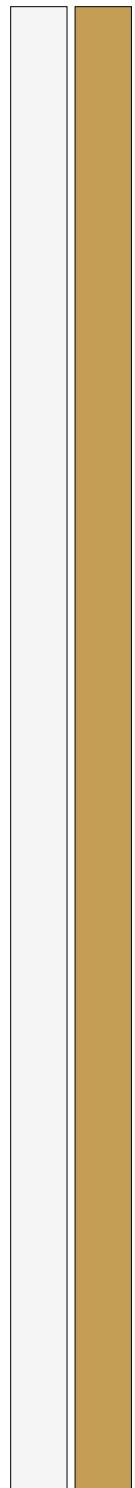


Color Key • Color #17 (single swatch = target color)

Per-Color • #17

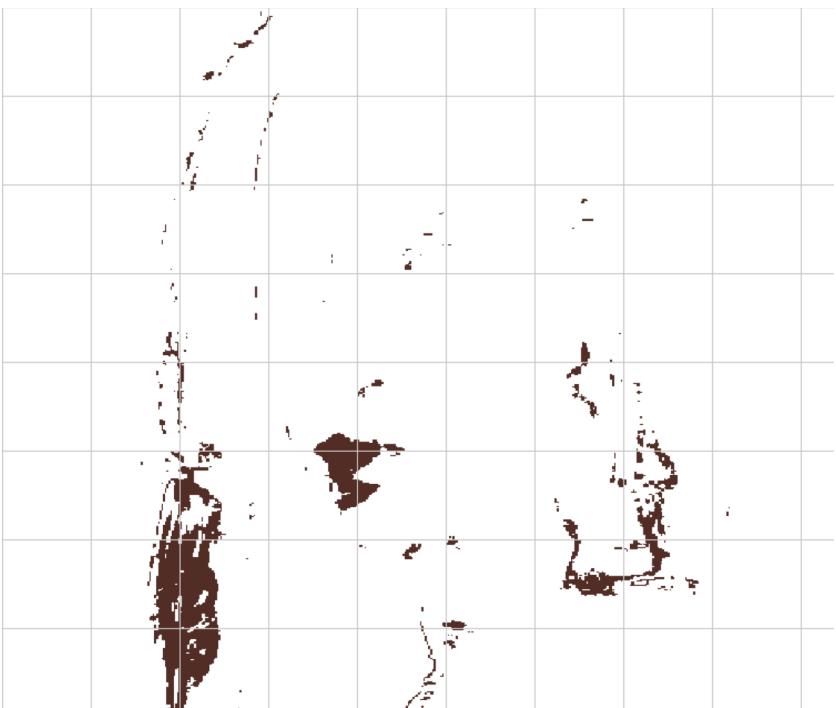


17: 8 parts Titanium White + 2 parts Yellow Ochre •  
 $L^*=0.2$  •  $\Delta E \approx 0.0$  • Value tweak: none (base)

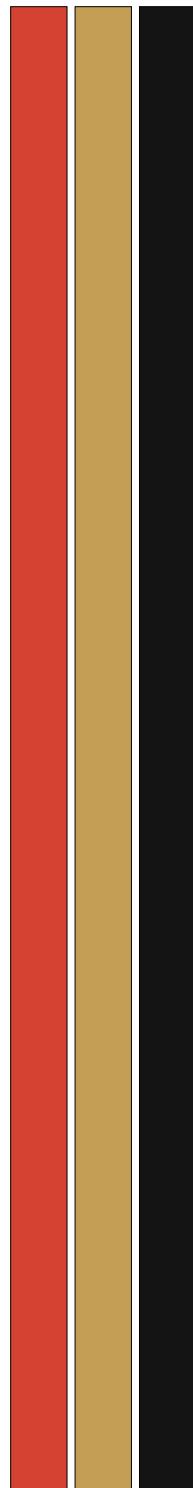


Color Key • Color #18 (single swatch = target color)

Per-Color • #18

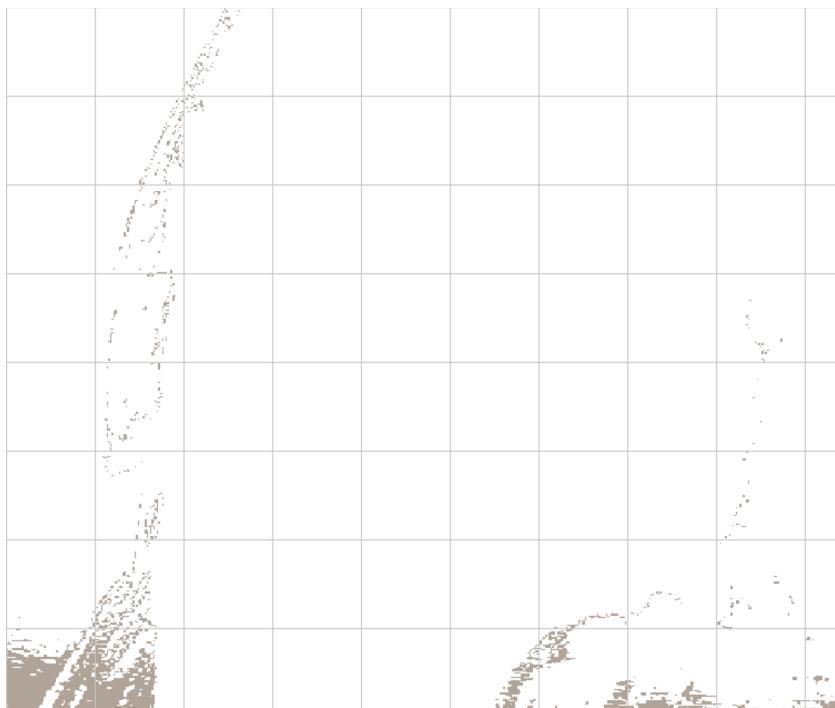


18: 5 parts Vermillion Red + 1 part Yellow Ochre + 4 parts Lamp Black • L\*=0.1 • ΔE≈0.0

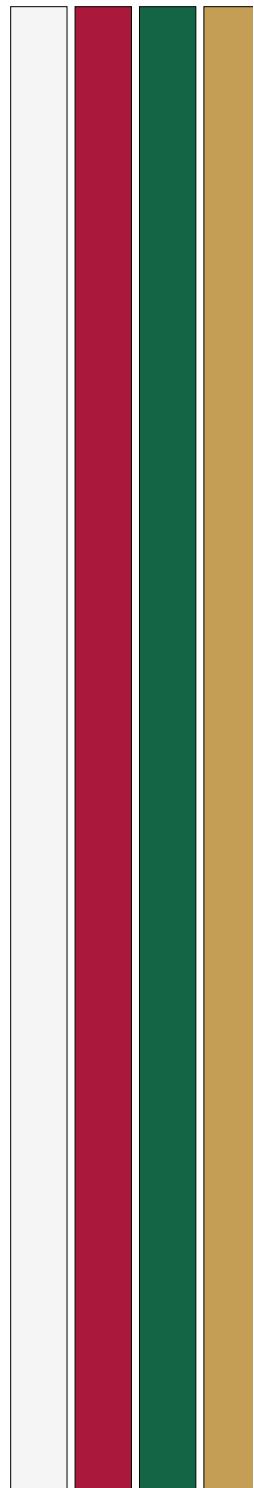


Color Key • Color #19 (single swatch = target color)

Per-Color • #19

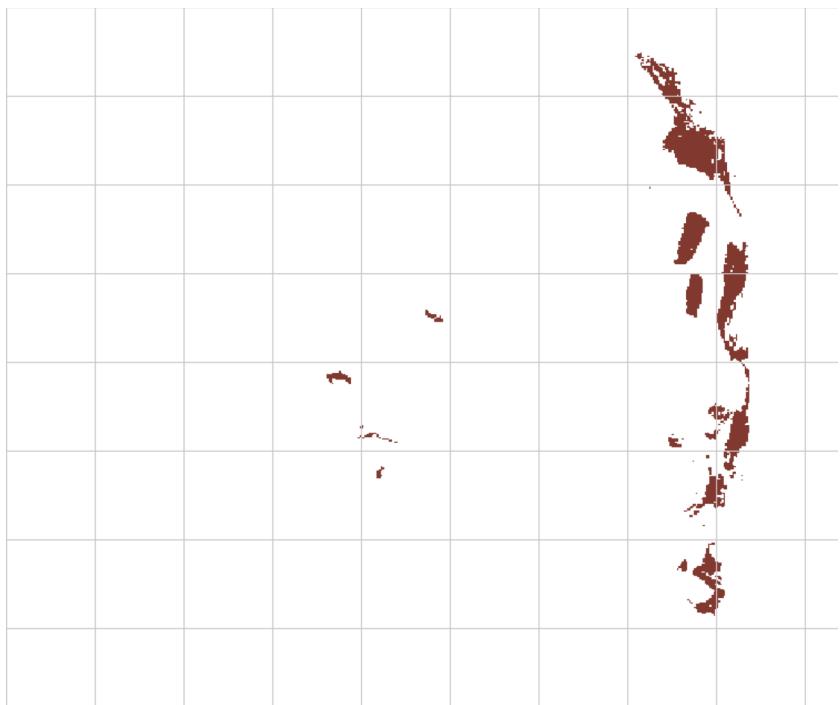


19: 6 parts Titanium White + 1 part Carmine + 1 part  
Pthalo Green + 2 parts Yellow Ochre •  $L^*=0.2$  •  $\Delta E\approx0.0$

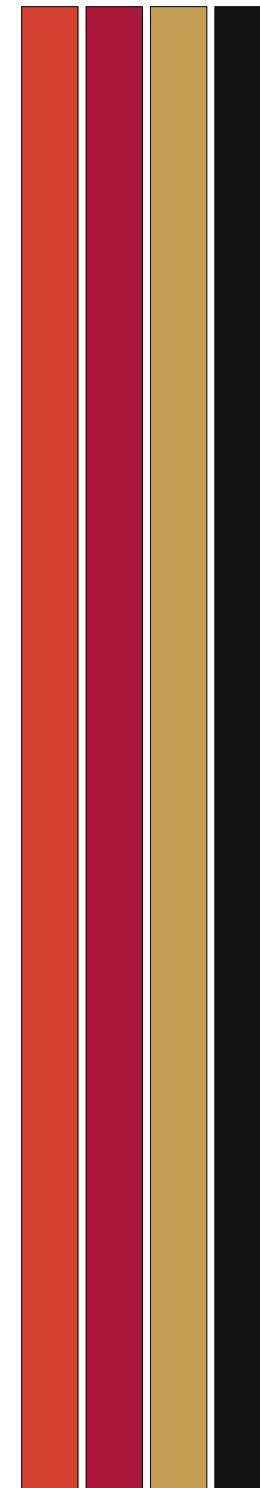


Color Key • Color #20 (single swatch = target color)

Per-Color • #20

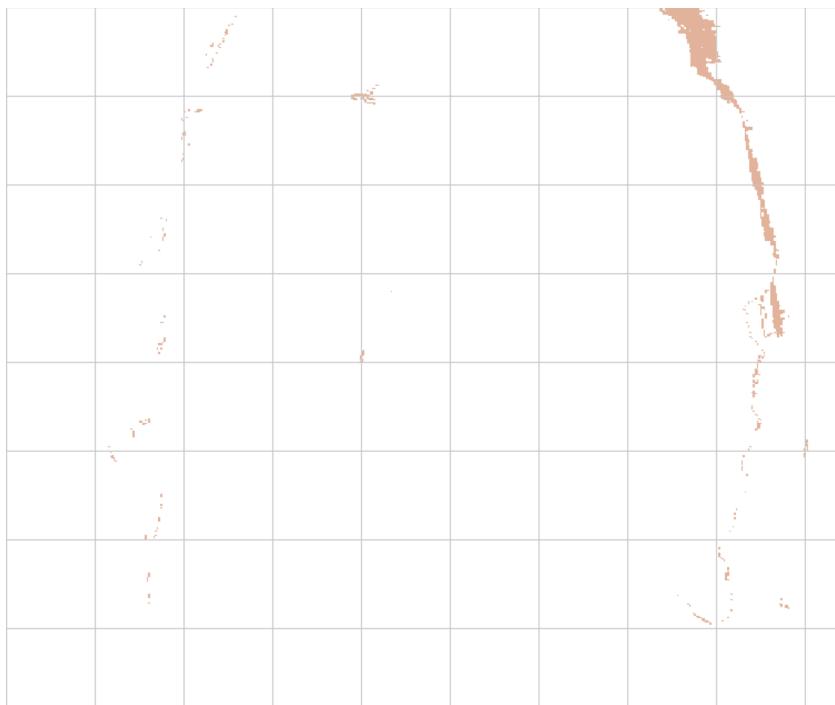


20: 5 parts Vermillion Red + 1 part Carmine + 2 parts  
Yellow Ochre + 2 parts Lamp Black •  $L^*=0.1$  •  $\Delta E \approx 0.0$

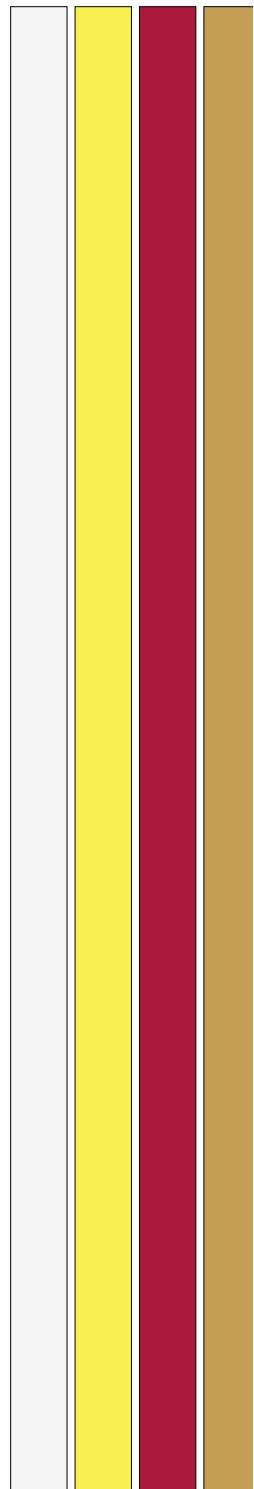


Color Key • Color #21 (single swatch = target color)

Per-Color • #21



21: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Carmine + 2 parts Yellow Ochre • L\*=0.2 • ΔE≈0.0

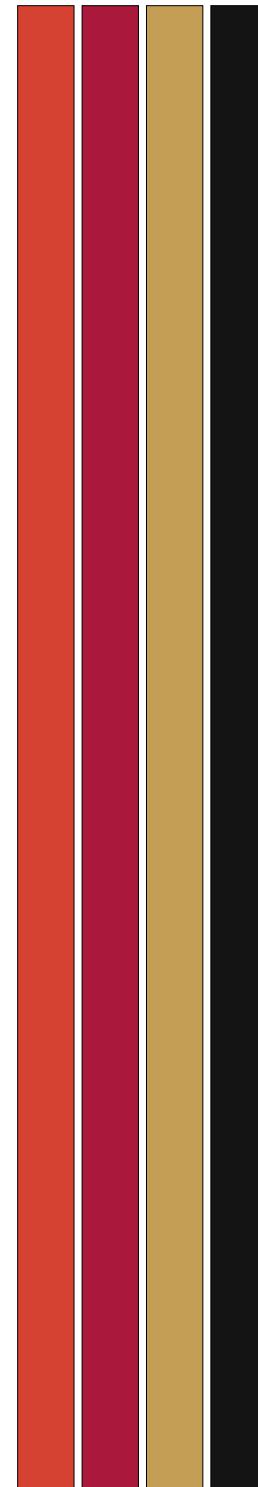


Color Key • Color #22 (single swatch = target color)

Per-Color • #22

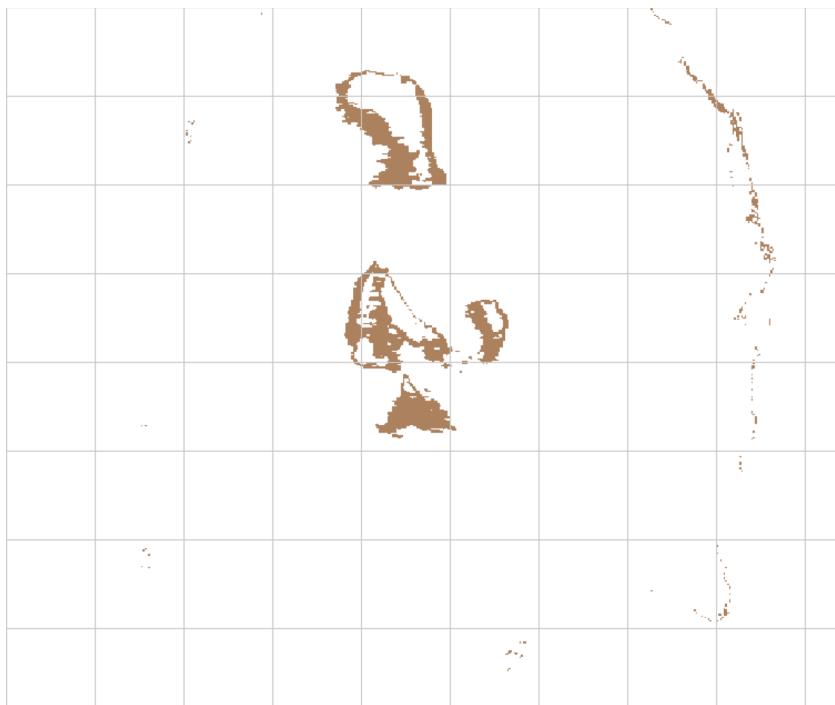


22: 1 part Vermillion Red + 1 part Carmine + 3 parts  
Yellow Ochre + 5 parts Lamp Black • L\*=0.0 • ΔE≈0.0

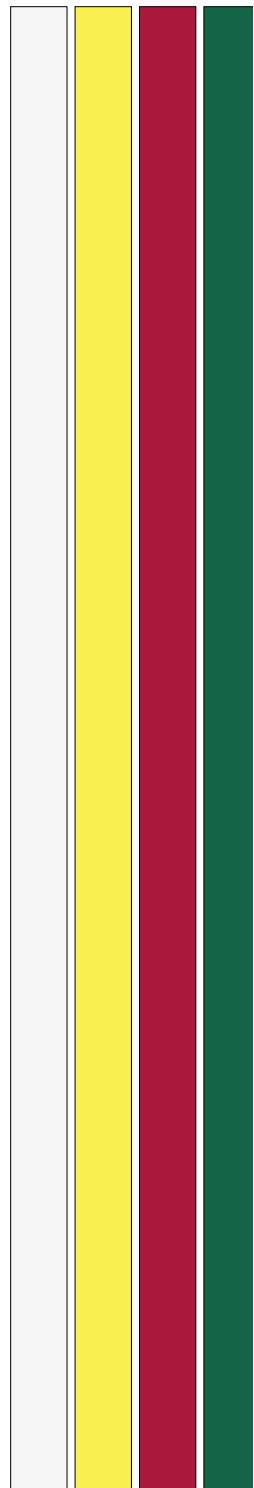


Color Key • Color #23 (single swatch = target color)

Per-Color • #23

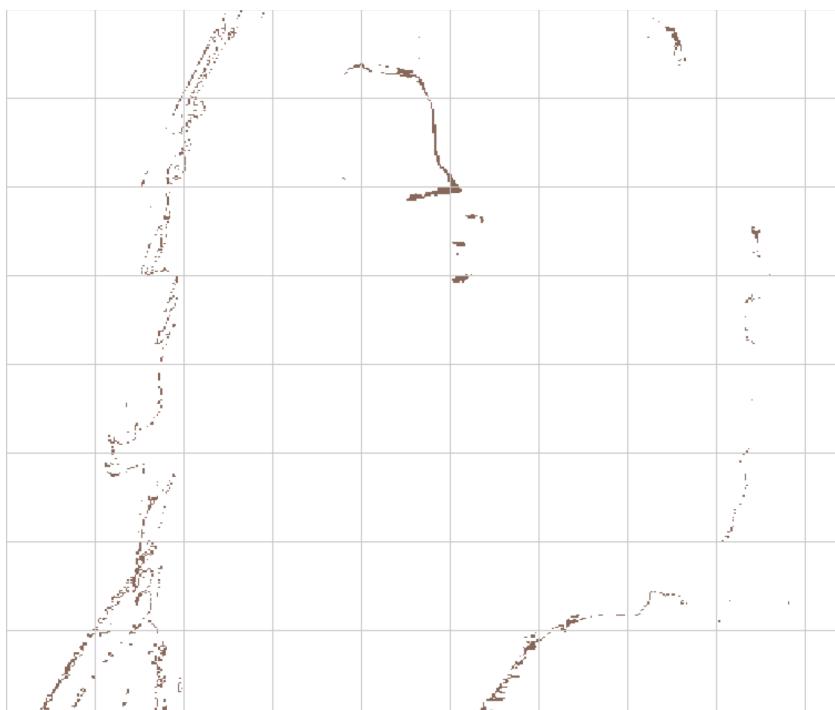


23: 2 parts Titanium White + 3 parts Lemon Yellow + 2 parts Carmine + 1 part Pthalo Green + 2 parts Yellow Ochre •  $L^*=0.1$  •  $\Delta E \approx 0.0$



Color Key • Color #24 (single swatch = target color)

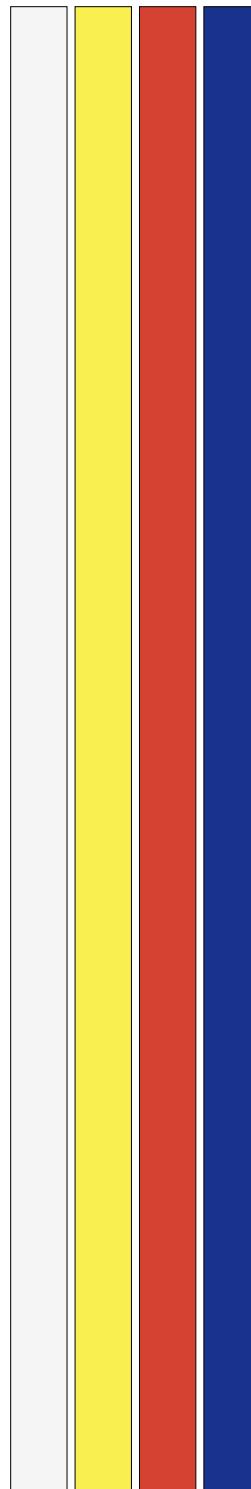
Per-Color • #24



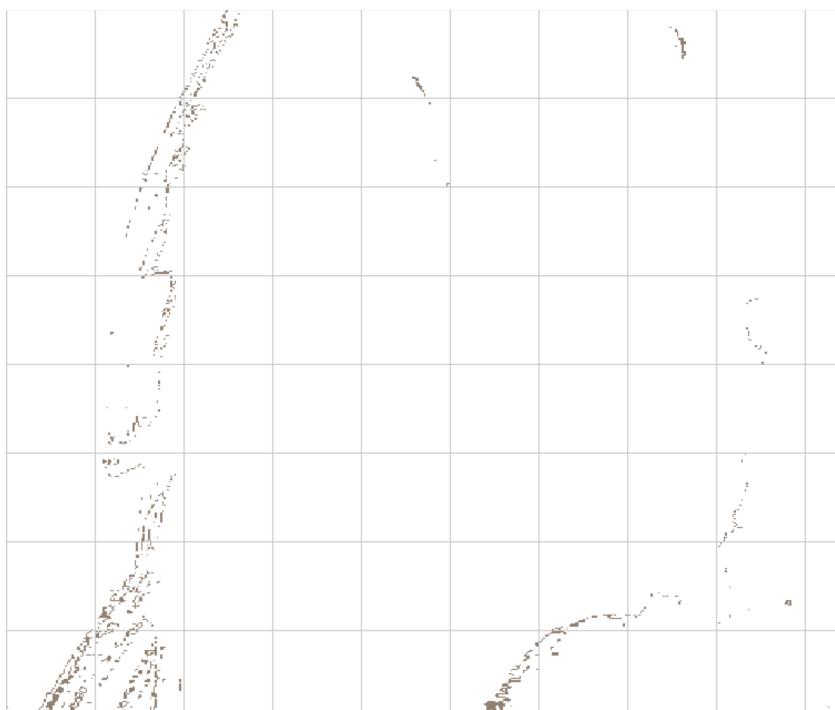
24: 2 parts Titanium White + 3 parts Lemon Yellow + 3  
parts Carmine + 2 parts Phthalo Green • L\*=0.1 •  
 $\Delta E \approx 0.0$



Color Key • Color #25 (single swatch = target color)



Per-Color • #25



25: 4 parts Titanium White + 1 part Lemon Yellow + 3  
parts Vermillion Red + 1 part Ultramarine + 1 part  
Pthalo Green •  $L^*=0.1$  •  $\Delta E \approx 0.0$

Completed — All Colors Applied + Grid

