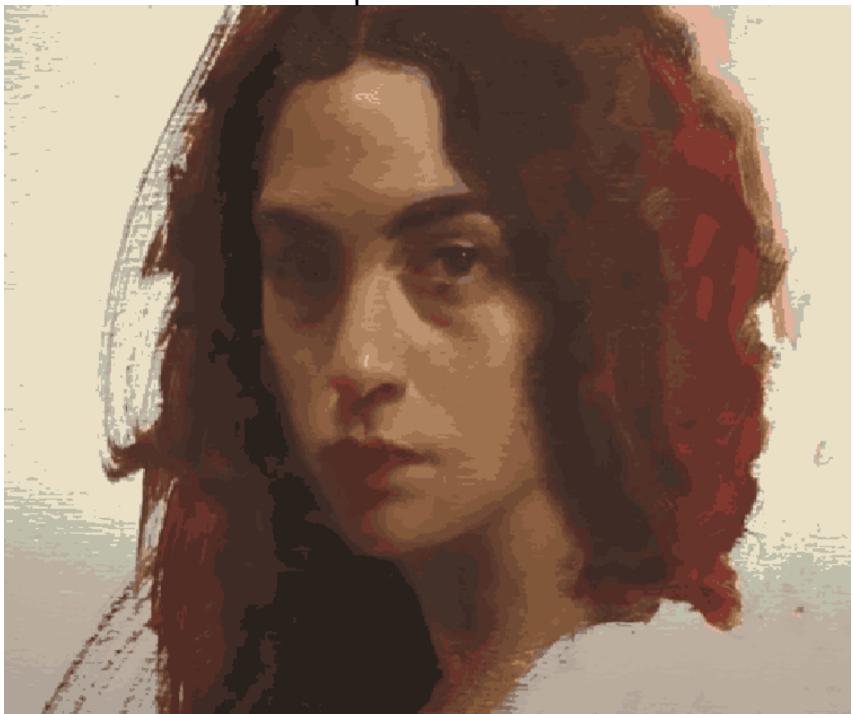


Original



Paint by Numbers (25 colors) • model=km • max parts=10



Color Key • All Clusters (swatch = mixed color)

1	1: 7 parts Titanium White + 2 parts Vermillion Red + 1 part Pthalo Green • L*=0.2 • ΔE≈0.01
2	2: 2 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 3 parts Lamp Black • L*=0.1 • ΔE≈0.00
3	3: 8 parts Titanium White + 1 part Lemon Yellow + 1 part Lamp Black • L*=0.2 • ΔE≈0.02
4	4: 1 part Lemon Yellow + 2 parts Vermillion Red + 7 parts Lamp Black • L*=0.0 • ΔE≈0.00
5	5: 1 part Titanium White + 1 part Carmine + 7 parts Yellow Ochre + 1 part Lamp Black • L*=0.1 • ΔE≈0.00
6	6: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.01 • 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≈0.00
8	8: 3 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 2 parts Lamp Black • L*=0.1 • ΔE≈0.00
9	9: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.01 • 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≈0.00
11	11: 1 part Lemon Yellow + 4 parts Vermillion Red + 1 part Carmine + 1 part Yellow Ochre + 3 parts Lamp Black • L*=0.1 • ΔE≈0.00
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≈0.01
13	13: 4 parts Vermillion Red + 1 part Pthalo Green + 4 parts Yellow Ochre + 1 part Lamp Black • L*=0.1 • ΔE≈0.00
14	14: 5 parts Vermillion Red + 1 part Pthalo Green + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.00
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≈0.00
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≈0.00
17	17: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.02 • Value tweak: none (base)
18	18: 5 parts Vermillion Red + 1 part Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.01
19	19: 6 parts Titanium White + 1 part Carmine + 1 part Pthalo Green + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.01
20	20: 5 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.01
21	21: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Carmine + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.01
22	22: 1 part Vermillion Red + 1 part Carmine + 3 parts Yellow Ochre + 5 parts Lamp Black • L*=0.1 • ΔE≈0.00
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≈0.00
24	24: 2 parts Titanium White + 3 parts Lemon Yellow + 3 parts Carmine + 2 parts Pthalo Green • L*=0.1 • ΔE≈0.00
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≈0.01

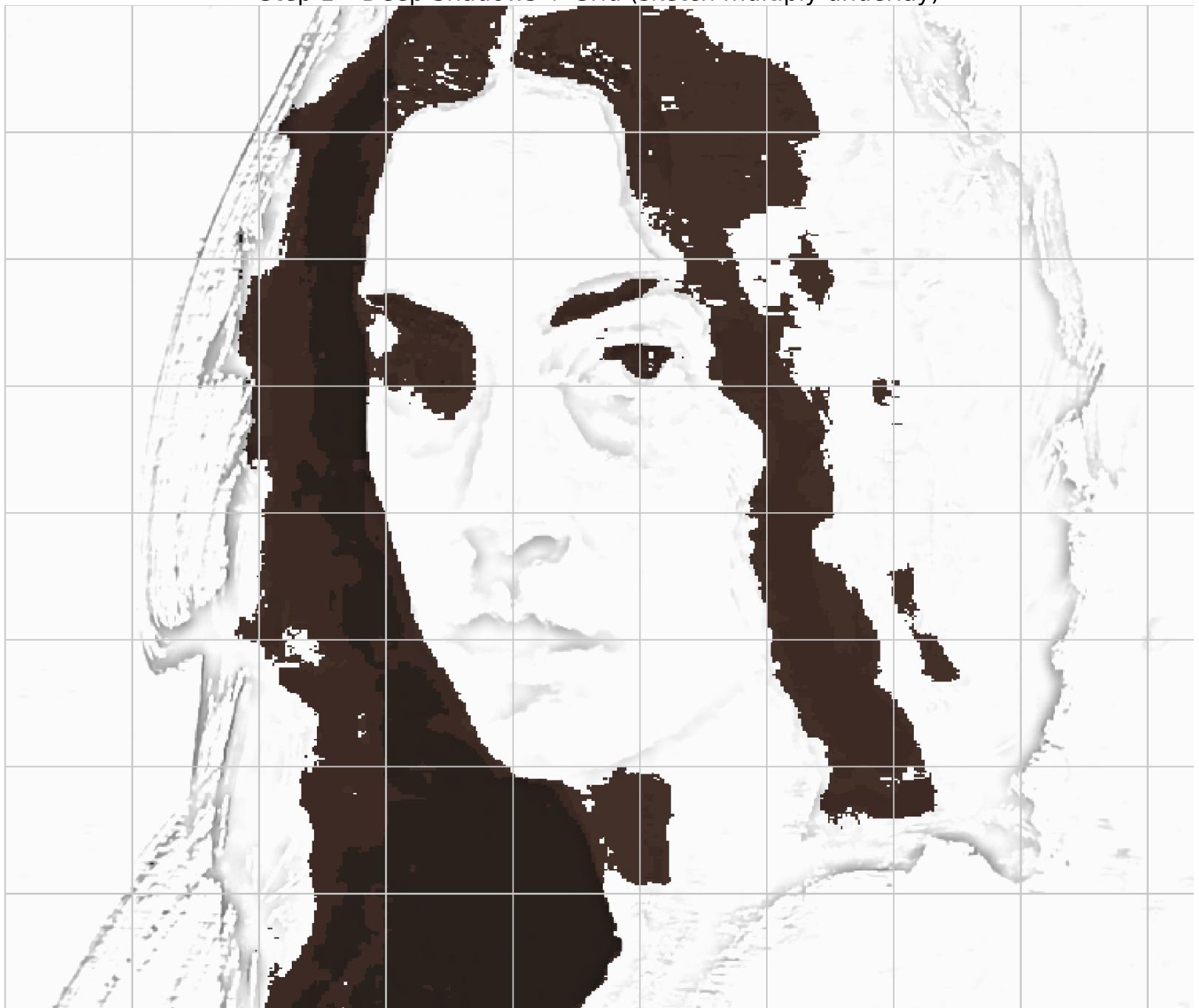


Original Edge Sketch + Grid (step=80px)



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

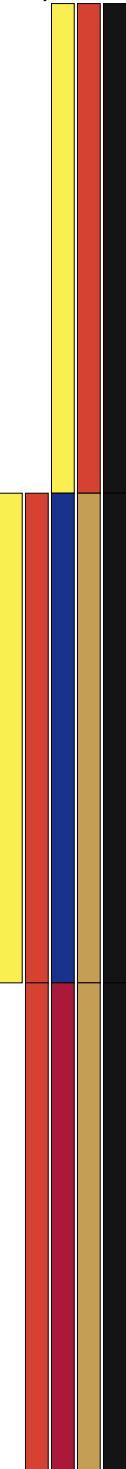
Step 1 - Deep Shadows + Grid (sketch multiply underlay)



4: 1 part Lemon Yellow + 2 parts Vermillion Red + 7 parts Lamp Black • L*=0.0 • ΔE≈0.00

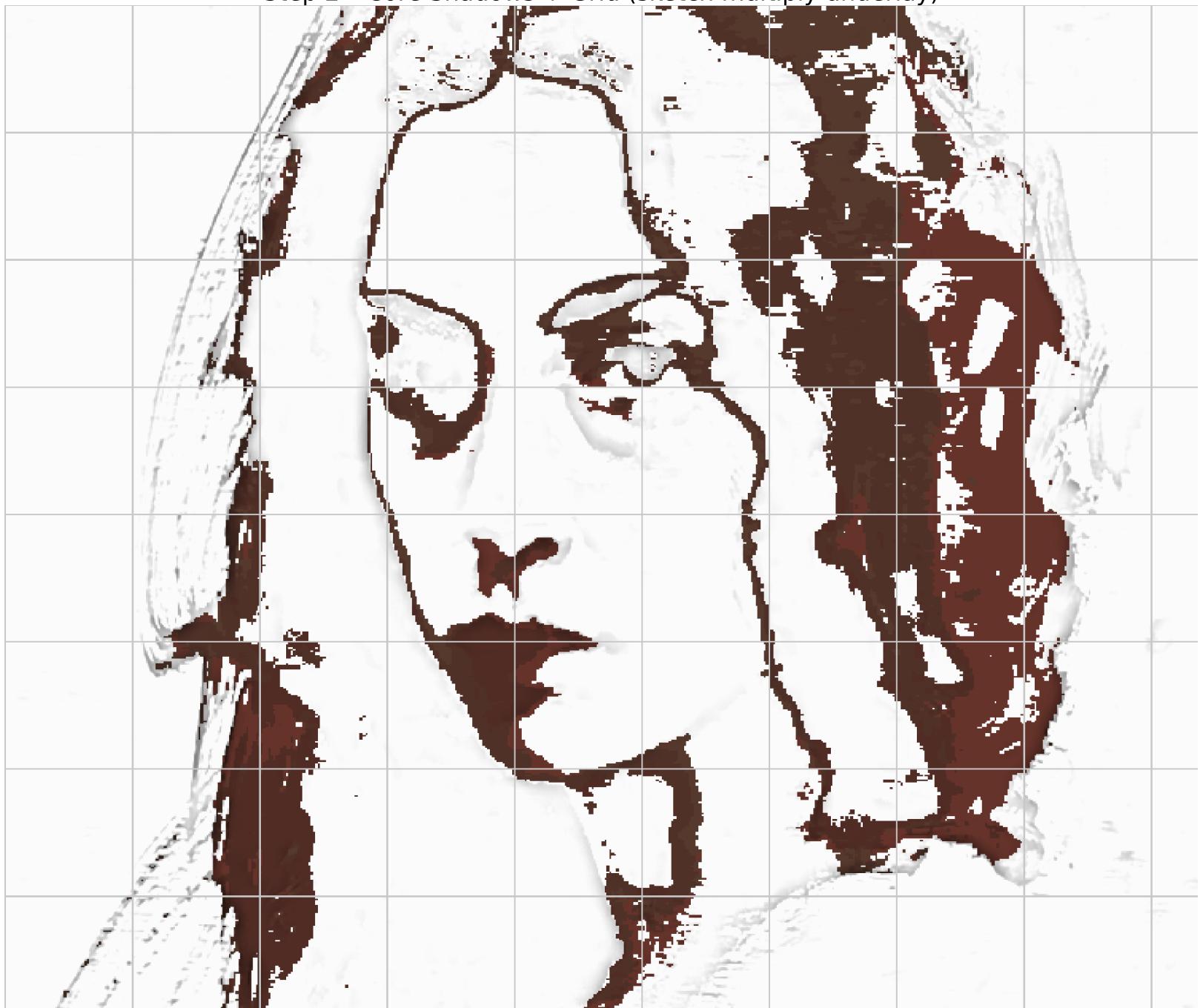
15: 1 part Lemon Yellow + 3 parts Vermillion Red + 1 part Ultramarine + 1 part Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.00

22: 1 part Vermillion Red + 1 part Carmine + 3 parts Yellow Ochre + 5 parts Lamp Black • L*=0.1 • ΔE≈0.00



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

Step 2 - Core Shadows + Grid (sketch multiply underlay)

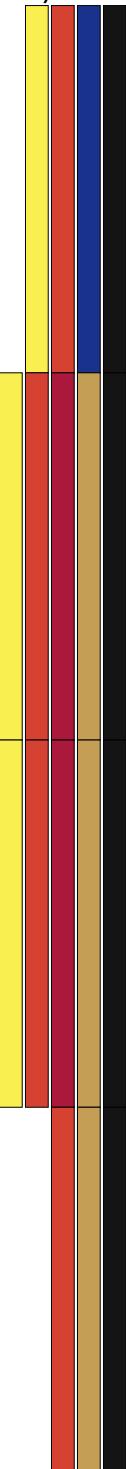


2: 2 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 3 parts Lamp Black • L*=0.1 • ΔE≈0.00

7: 1 part Lemon Yellow + 2 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.00

11: 1 part Lemon Yellow + 4 parts Vermillion Red + 1 part Carmine + 1 part Yellow Ochre + 3 parts Lamp Black • L*=0.1 • ΔE≈0.00

18: 5 parts Vermillion Red + 1 part Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.01



Color Key • Step 4 - value Midtones
(swatch = mixed color)

Step 4 - Value Midtones + Grid (sketch multiply underlay)



5: 1 part Titanium White + 1 part Carmine + 7 parts Yellow Ochre + 1 part Lamp Black • L*=0.1 • ΔE≈0.00

8: 3 parts Lemon Yellow + 4 parts Vermillion Red + 1 part Ultramarine + 2 parts Lamp Black • L*=0.1 • ΔE≈0.00

10: 5 parts Titanium White + 2 parts Lemon Yellow + 2 parts Vermillion Red + 1 part Lamp Black • L*=0.2 • ΔE≈0.00

13: 4 parts Vermillion Red + 1 part Pthalo Green + 4 parts Yellow Ochre + 1 part Lamp Black • L*=0.1 • ΔE≈0.00

14: 5 parts Vermillion Red + 1 part Pthalo Green + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.00

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≈0.00

20: 5 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.01

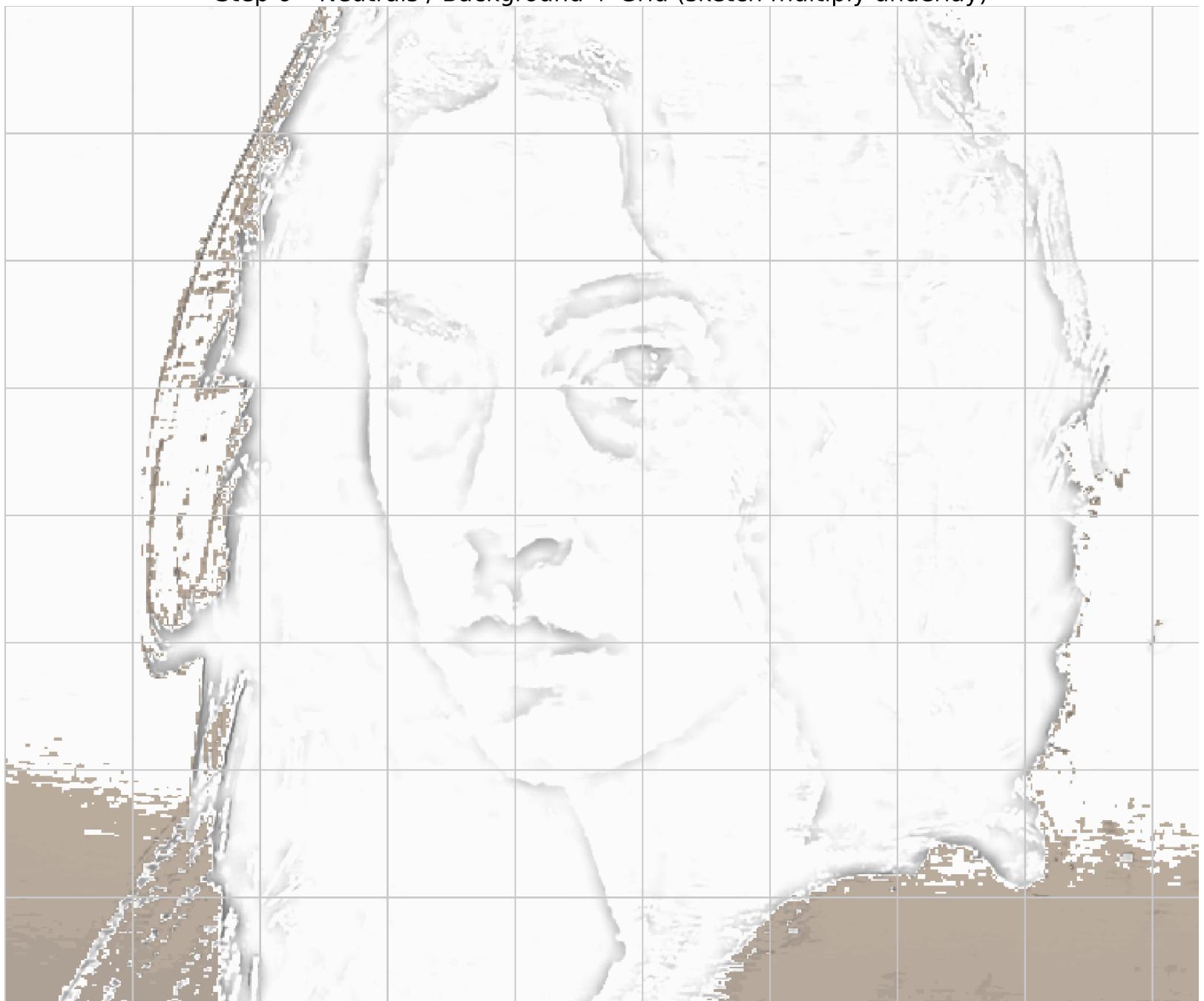
23: 2 parts Titanium White + 3 parts Lemon Yellow + 2 parts Carmine + 1 part Pthalo Green + 2 parts Yellow Ochre • L*=0.1 • ΔE≈0.00

24: 2 parts Titanium White + 3 parts Lemon Yellow + 3 parts Carmine + 2 parts Pthalo Green • L*=0.1 • ΔE≈0.00

25: 4 parts Titanium White + 1 part Lemon Yellow + 3 parts Vermillion Red + 1 part Ultramarine + 1 part Pthalo Green • L*=0.1 • ΔE≈0.01

Color Key • Step 6 - Neutrals /
Background (swatch = mixed color)

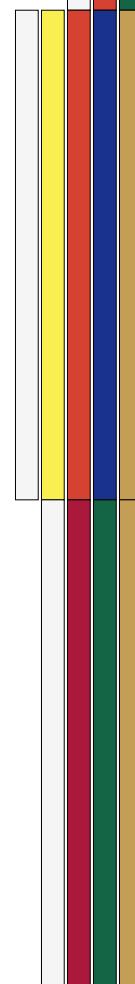
Step 6 - Neutrals / Background + Grid (sketch multiply underlay)



1: 7 parts Titanium White + 2
parts Vermillion Red + 1 part
Pthalo Green • $L^*=0.2$ •
 $\Delta E\approx0.01$

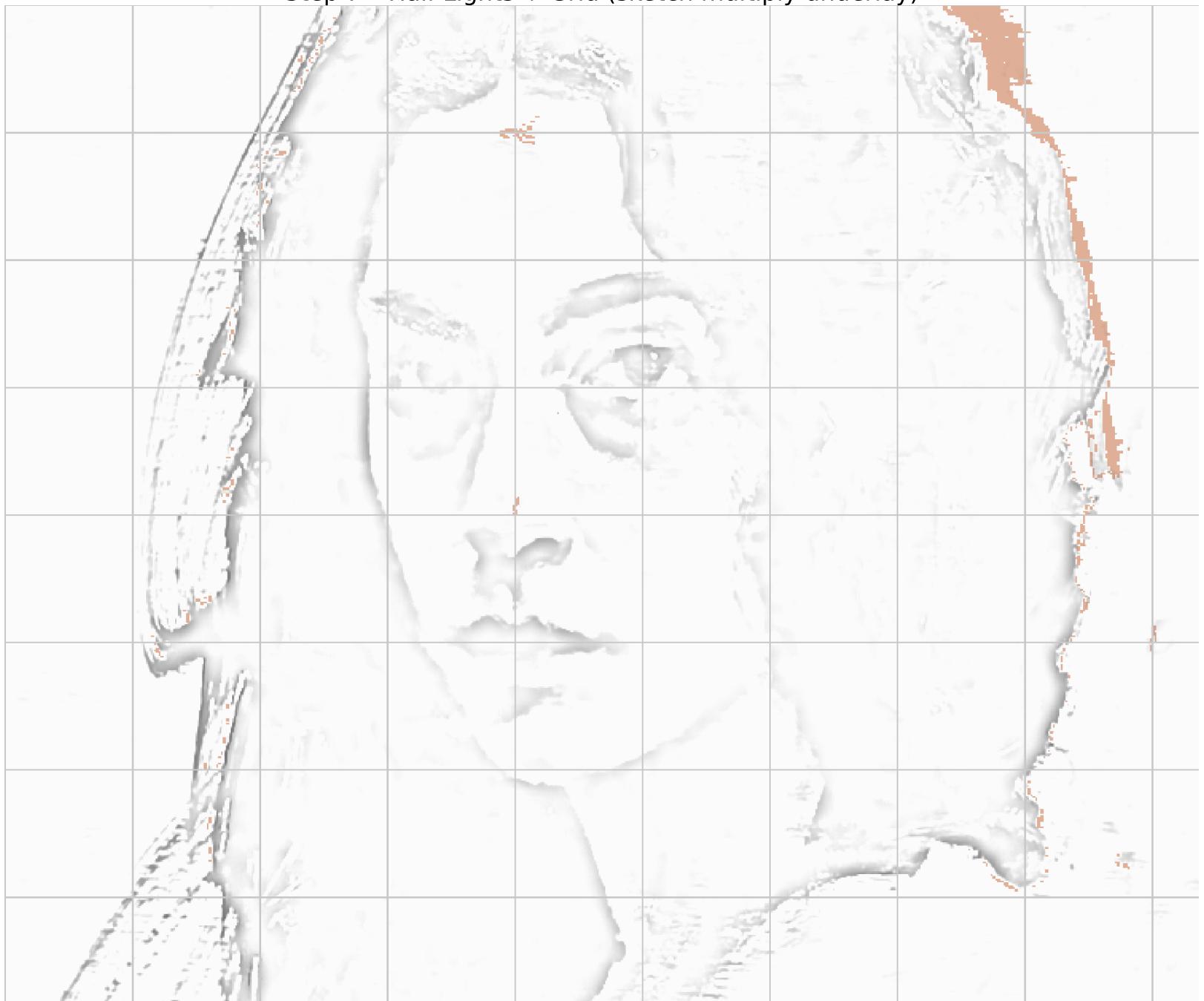
12: 6 parts Titanium White +
1 part Lemon Yellow + 1 part
Vermillion Red + 1 part
Ultramarine + 1 part Yellow
Ochre • $L^*=0.2$ • $\Delta E\approx0.01$

19: 6 parts Titanium White + 1
part Carmine + 1 part Pthalo
Green + 2 parts Yellow Ochre
• $L^*=0.2$ • $\Delta E\approx0.01$

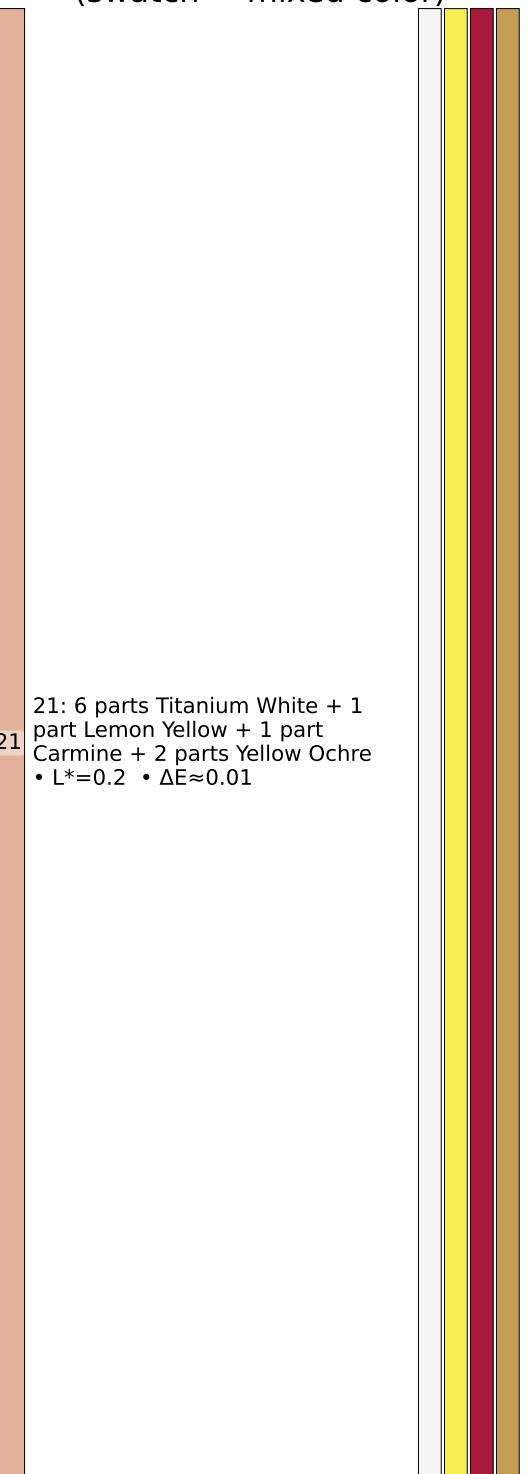


Color Key • Step 7 - Half-Lights
(swatch = mixed color)

Step 7 - Half-Lights + Grid (sketch multiply underlay)

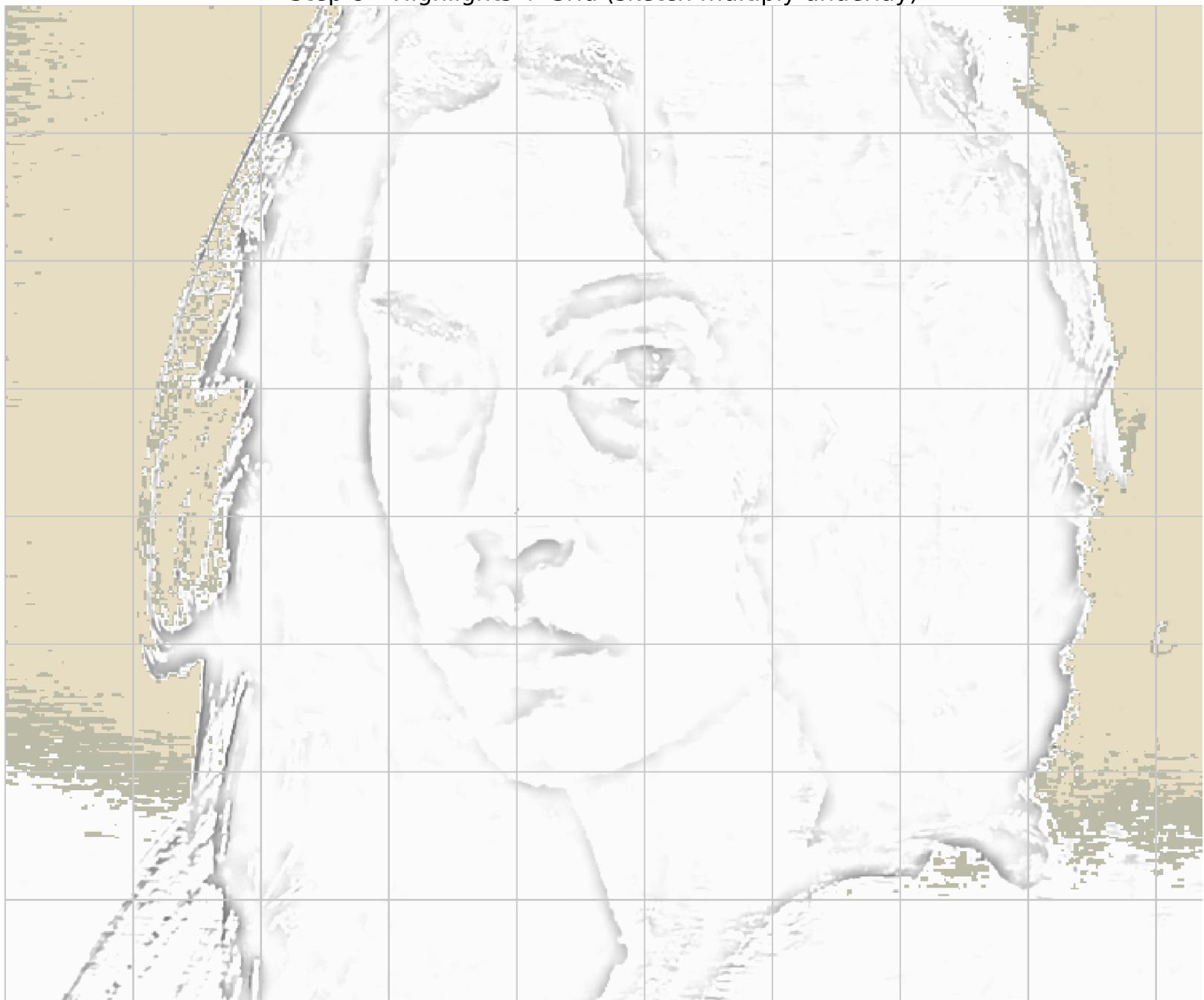


21: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Carmine + 2 parts Yellow Ochre
• $L^*=0.2$ • $\Delta E \approx 0.01$



Color Key • Step 8 - Highlights
(swatch = mixed color)

Step 8 - Highlights + Grid (sketch multiply underlay)



3: 8 parts Titanium White + 1 part Lemon Yellow + 1 part Lamp Black • $L^*=0.2$ • $\Delta E\approx0.02$

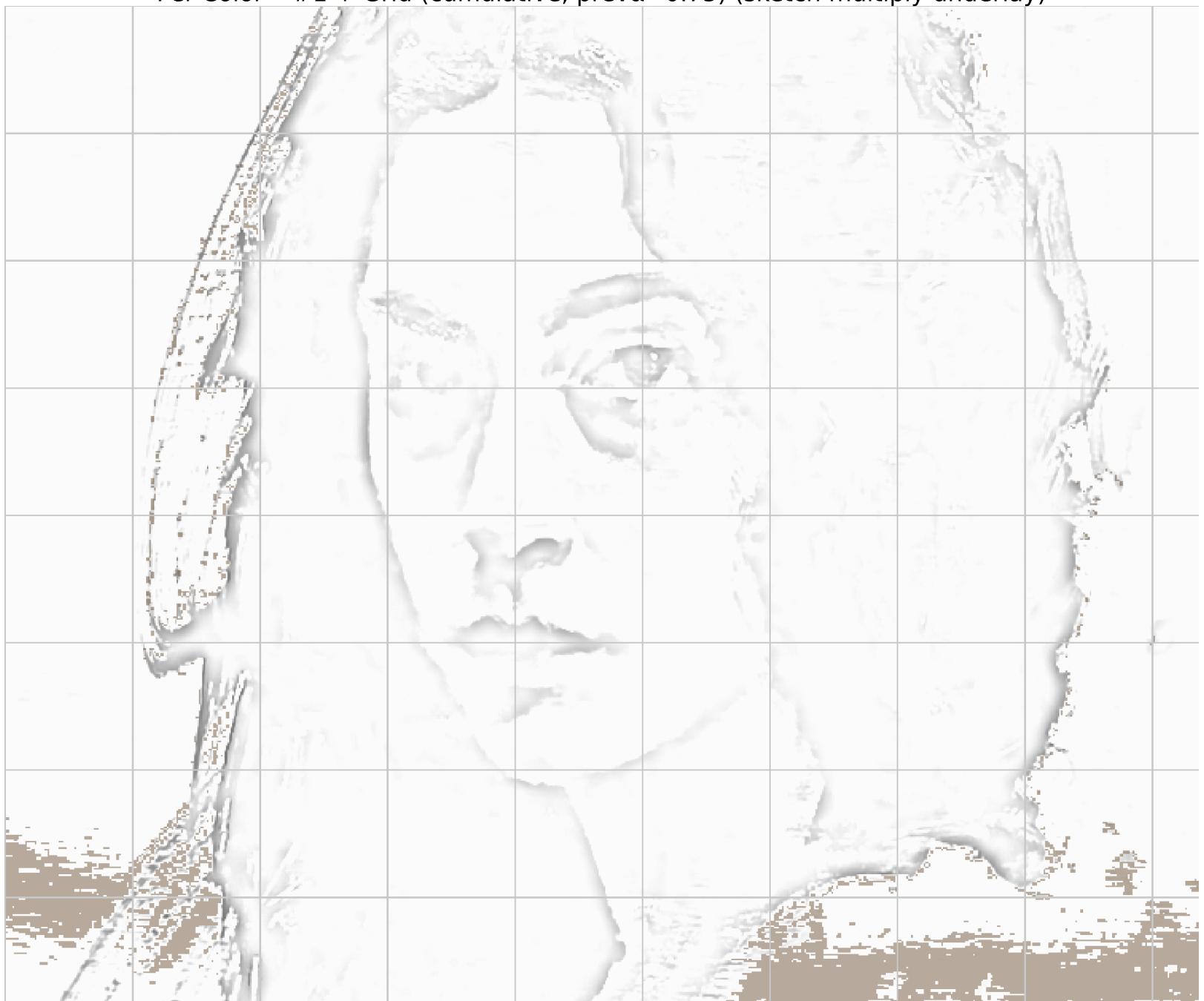
6: 8 parts Titanium White + 2 parts Yellow Ochre • $L^*=0.2$ • $\Delta E\approx0.01$ • Value tweak: none (base)

9: 8 parts Titanium White + 2 parts Yellow Ochre • $L^*=0.2$ • $\Delta E\approx0.01$ • Value tweak: none (base)

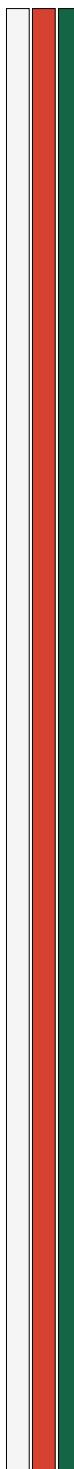
17: 8 parts Titanium White + 2 parts Yellow Ochre • $L^*=0.2$ • $\Delta E\approx0.02$ • Value tweak: none (base)

Color Key • Color #1 (swatch = mixed color)

Per-Color • #1 + Grid (cumulative, preva=0.75) (sketch multiply underlay)

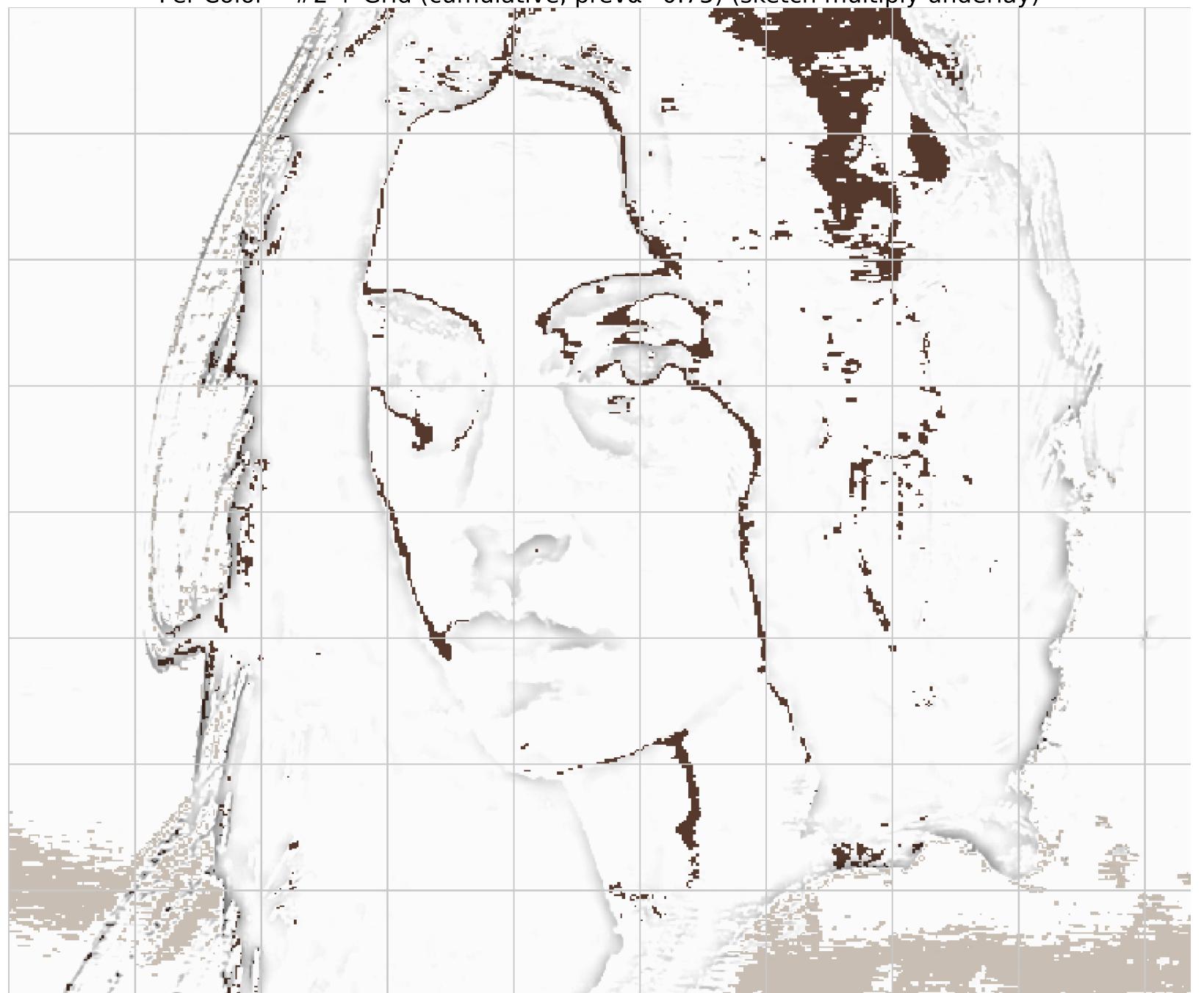


1: 7 parts Titanium White + 2 parts Vermillion Red + 1 part Pthalo Green • L*=0.2 • ΔE≈0.01



Color Key • Color #2 (swatch = mixed color)

Per-Color • #2 + Grid (cumulative, preva=0.75) (sketch multiply underlay)

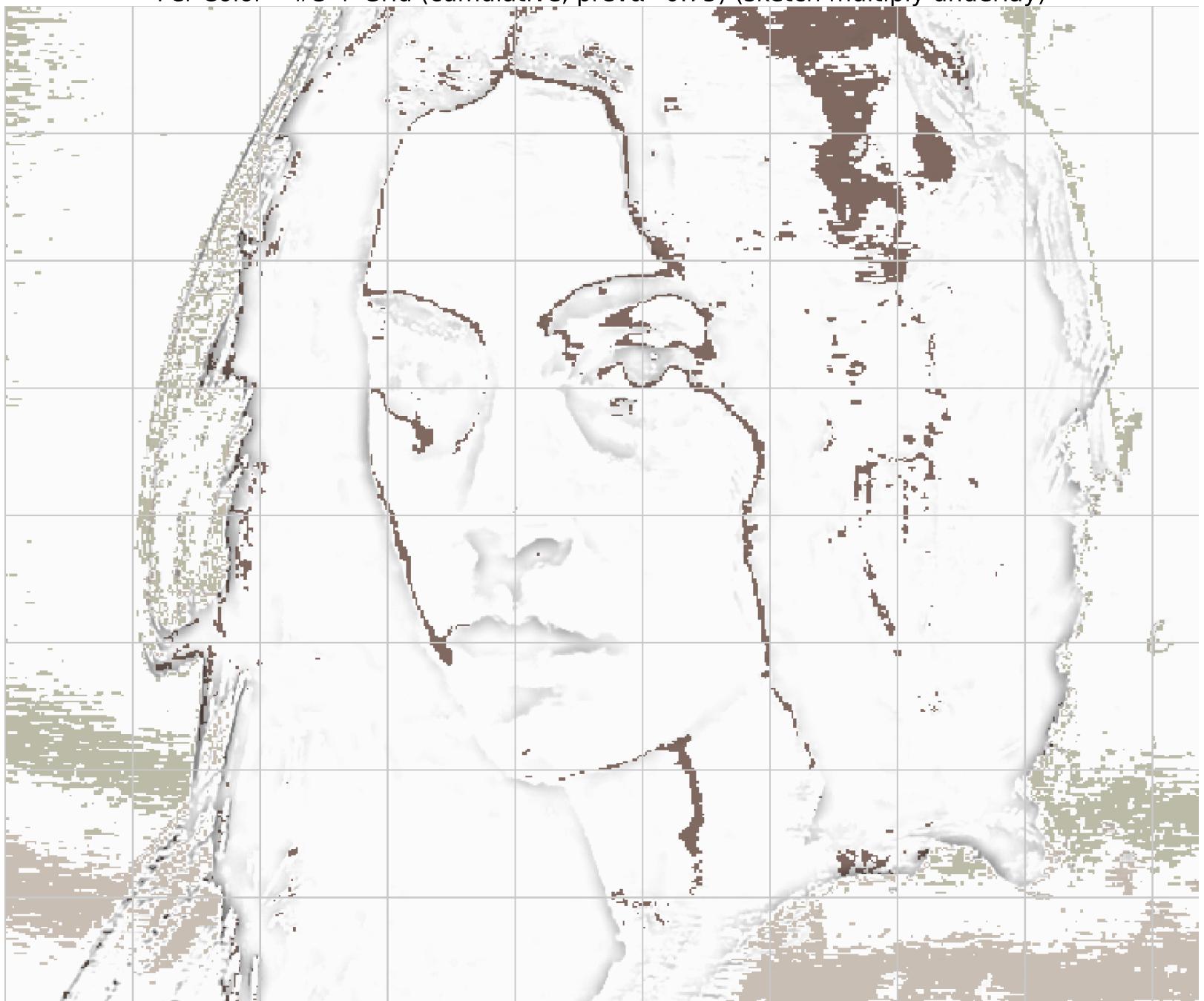


2: 2 parts Lemon Yellow + 4
parts Vermillion Red + 1 part
Ultramarine + 3 parts Lamp
Black • L*=0.1 • ΔE≈0.00

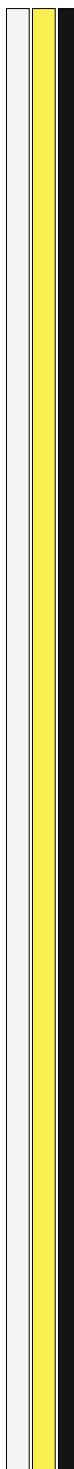


Color Key • Color #3 (swatch = mixed color)

Per-Color • #3 + Grid (cumulative, pre α =0.75) (sketch multiply underlay)

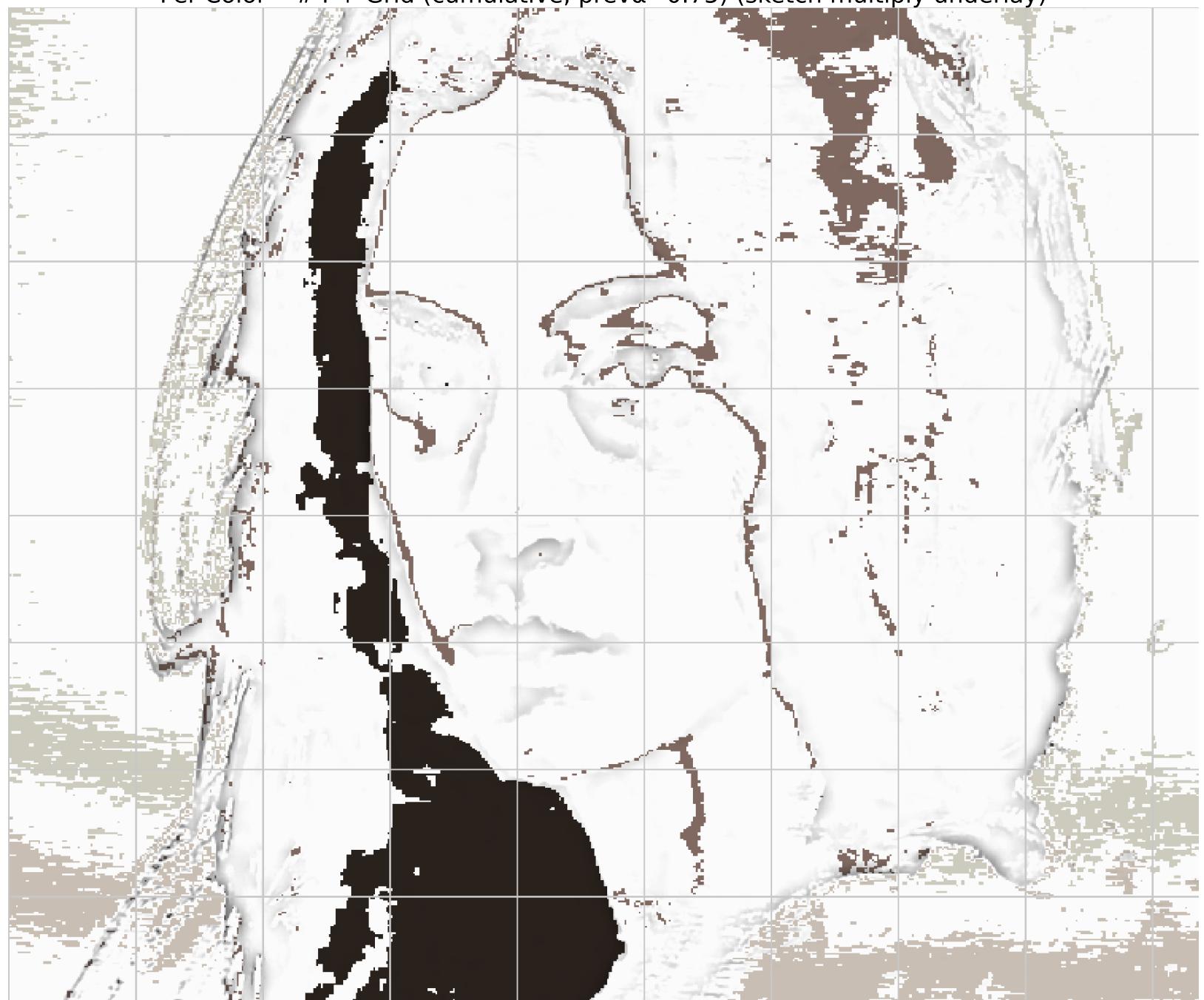


3: 8 parts Titanium White + 1 part Lemon Yellow + 1 part Lamp Black • L*=0.2 • ΔE≈0.02



Color Key • Color #4 (swatch = mixed color)

Per-Color • #4 + Grid (cumulative, preva=0.75) (sketch multiply underlay)

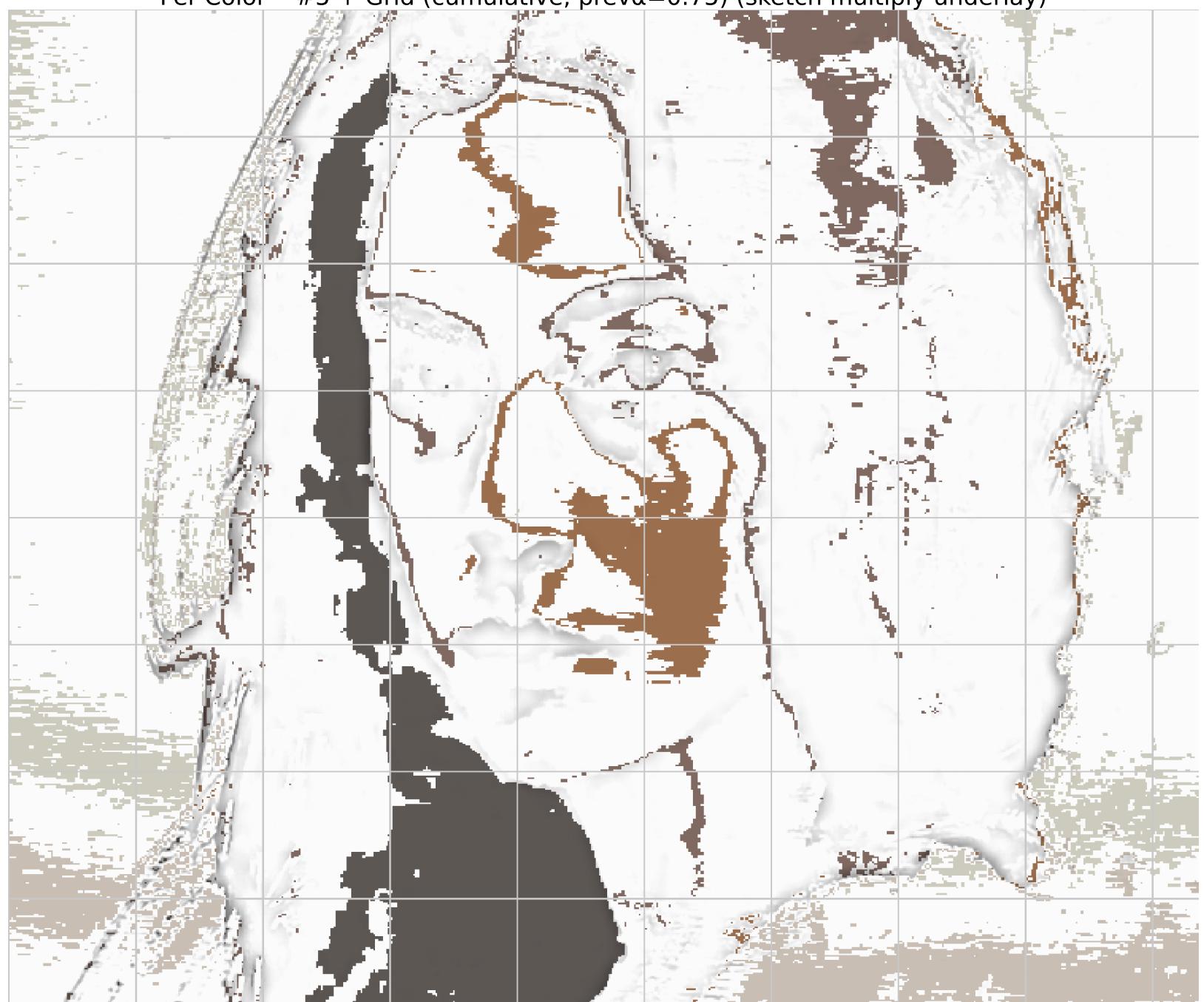


4: 1 part Lemon Yellow + 2 parts Vermillion Red + 7 parts Lamp Black • L*=0.0 • ΔE≈0.00



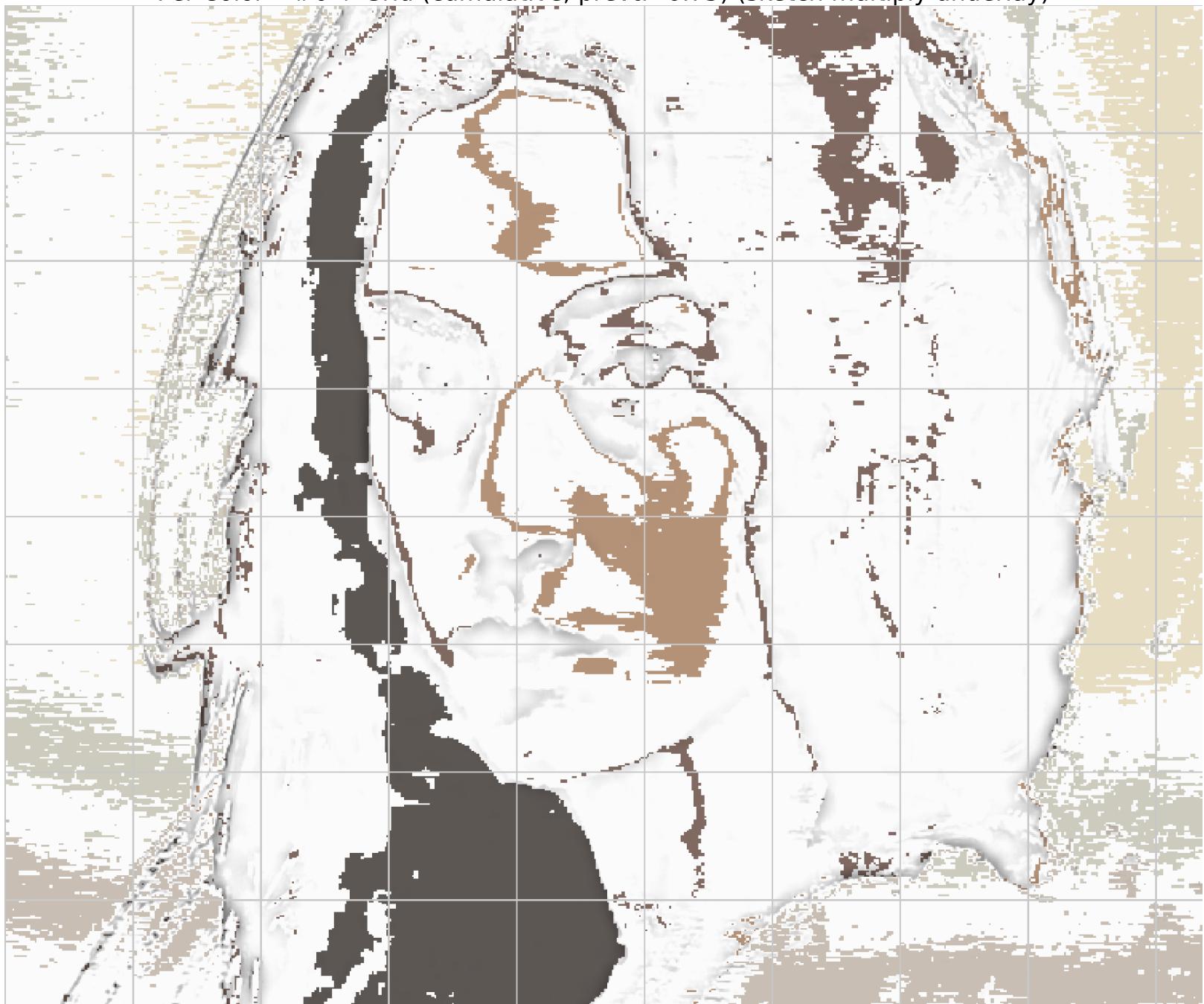
Color Key • Color #5 (swatch = mixed color)

Per-Color • #5 + Grid (cumulative, pre α =0.75) (sketch multiply underlay)



Color Key • Color #6 (swatch = mixed color)

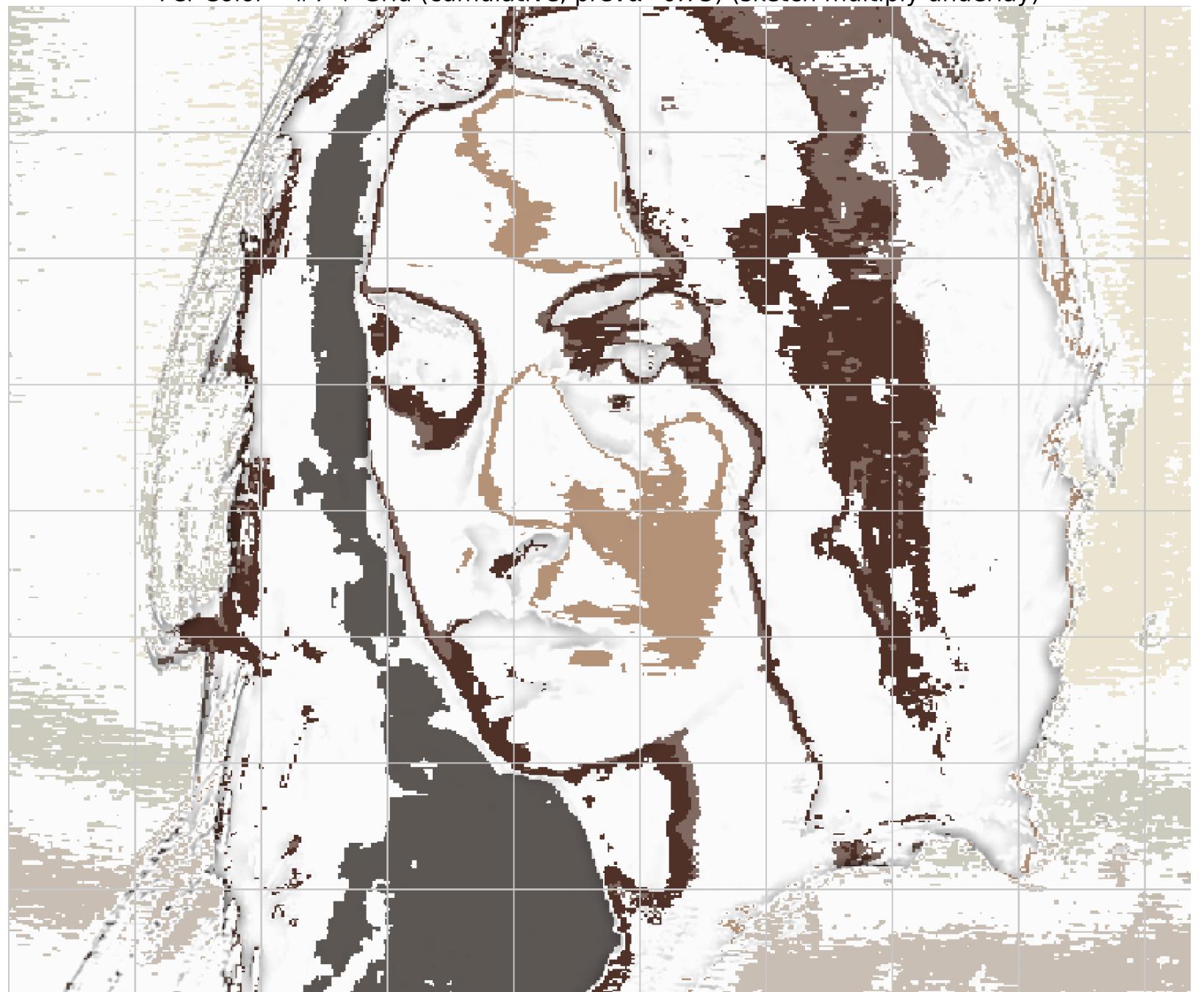
Per-Color • #6 + Grid (cumulative, preva=0.75) (sketch multiply underlay)



6: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.01 • Value tweak: none (base)

Color Key • Color #7 (swatch = mixed color)

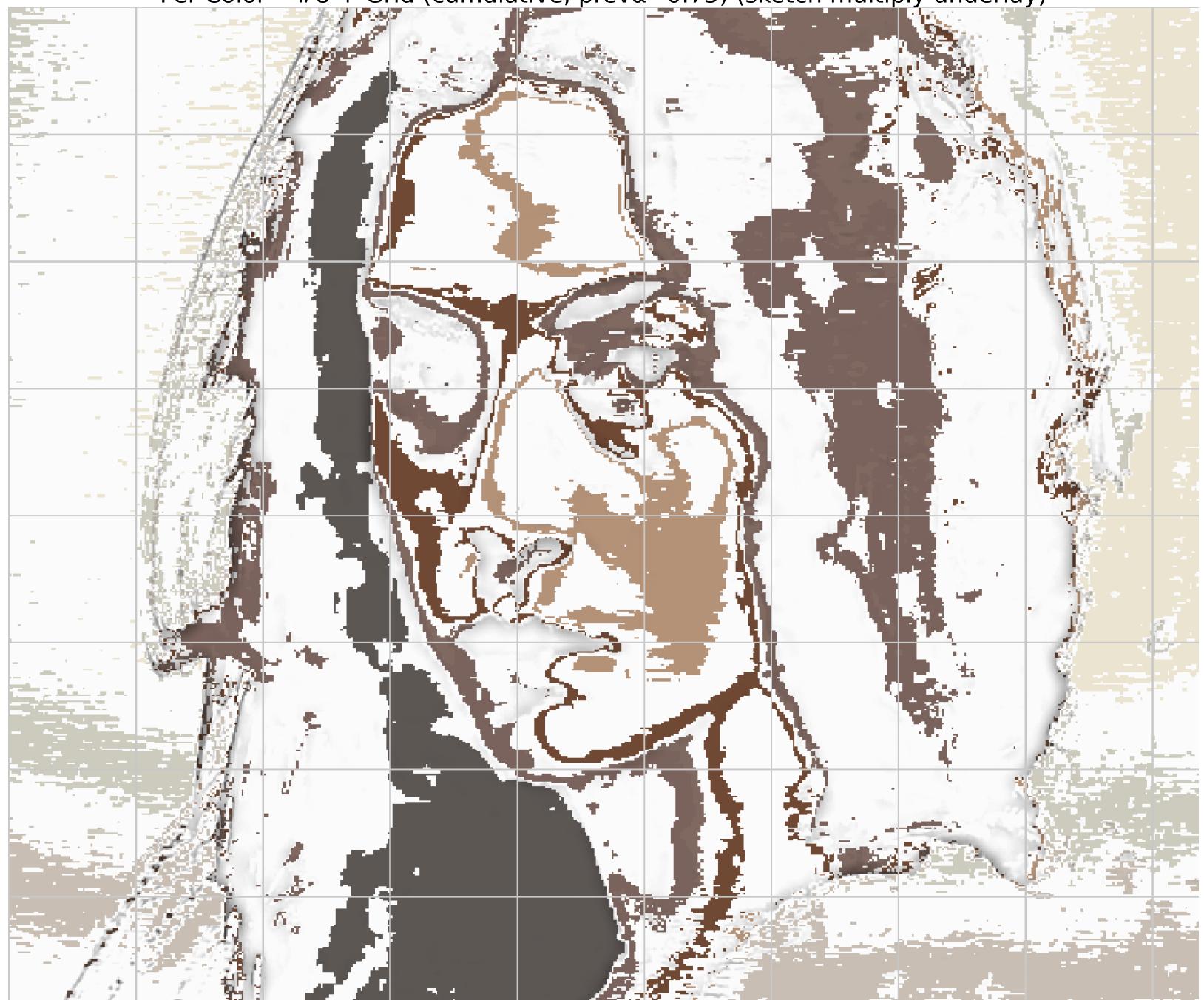
Per-Color • #7 + Grid (cumulative, preva=0.75) (sketch multiply underlay)



7: 1 part Lemon Yellow + 2 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.00

Color Key • Color #^o (swatch = mixed color)

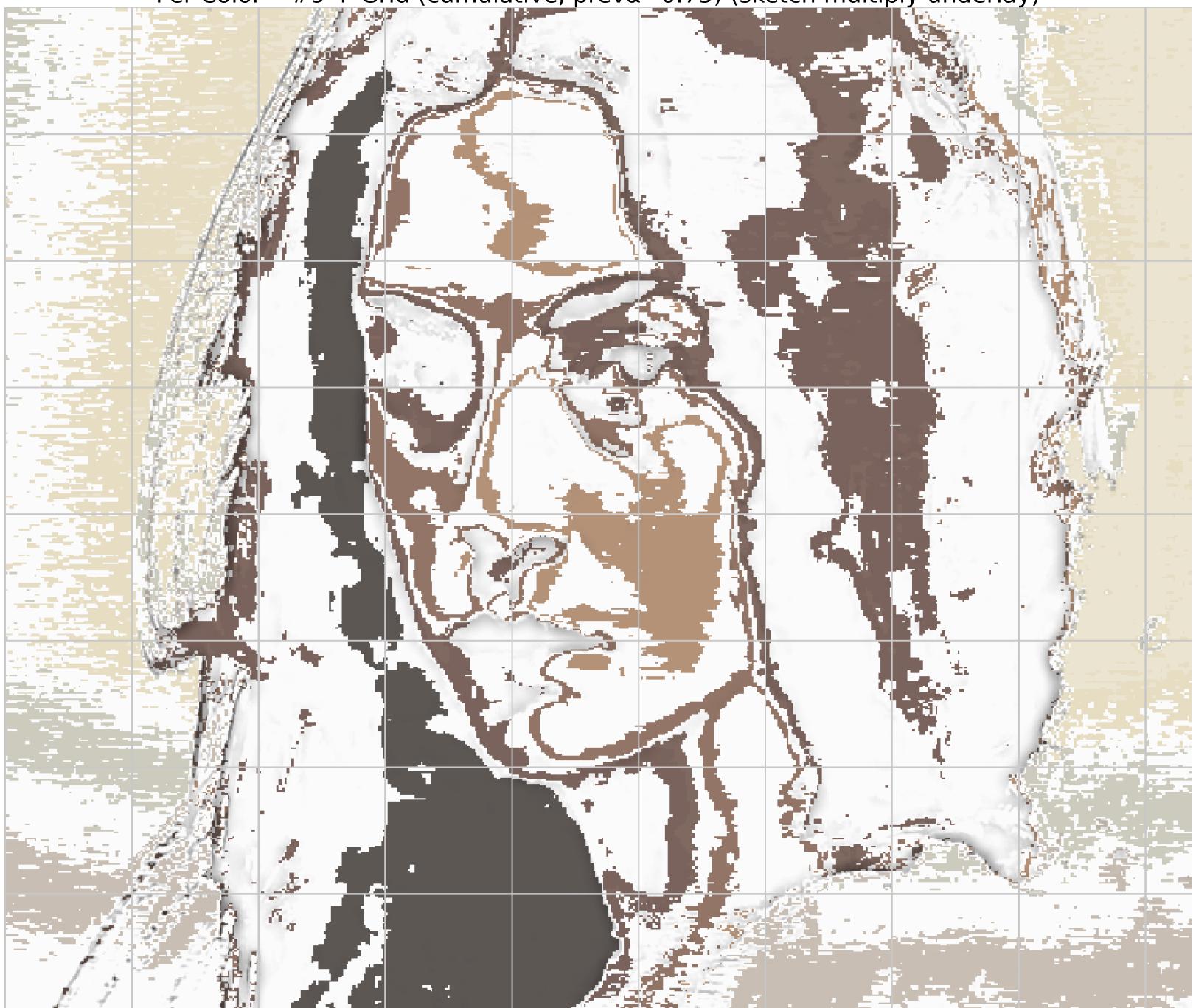
Per-Color • #8 + Grid (cumulative, preva=0.75) (sketch multiply underlay)



8: 3 parts Lemon Yellow + 4
parts Vermillion Red + 1 part
Ultramarine + 2 parts Lamp
Black • L*=0.1 • ΔE≈0.00

Color Key • Color #9 (swatch = mixed color)

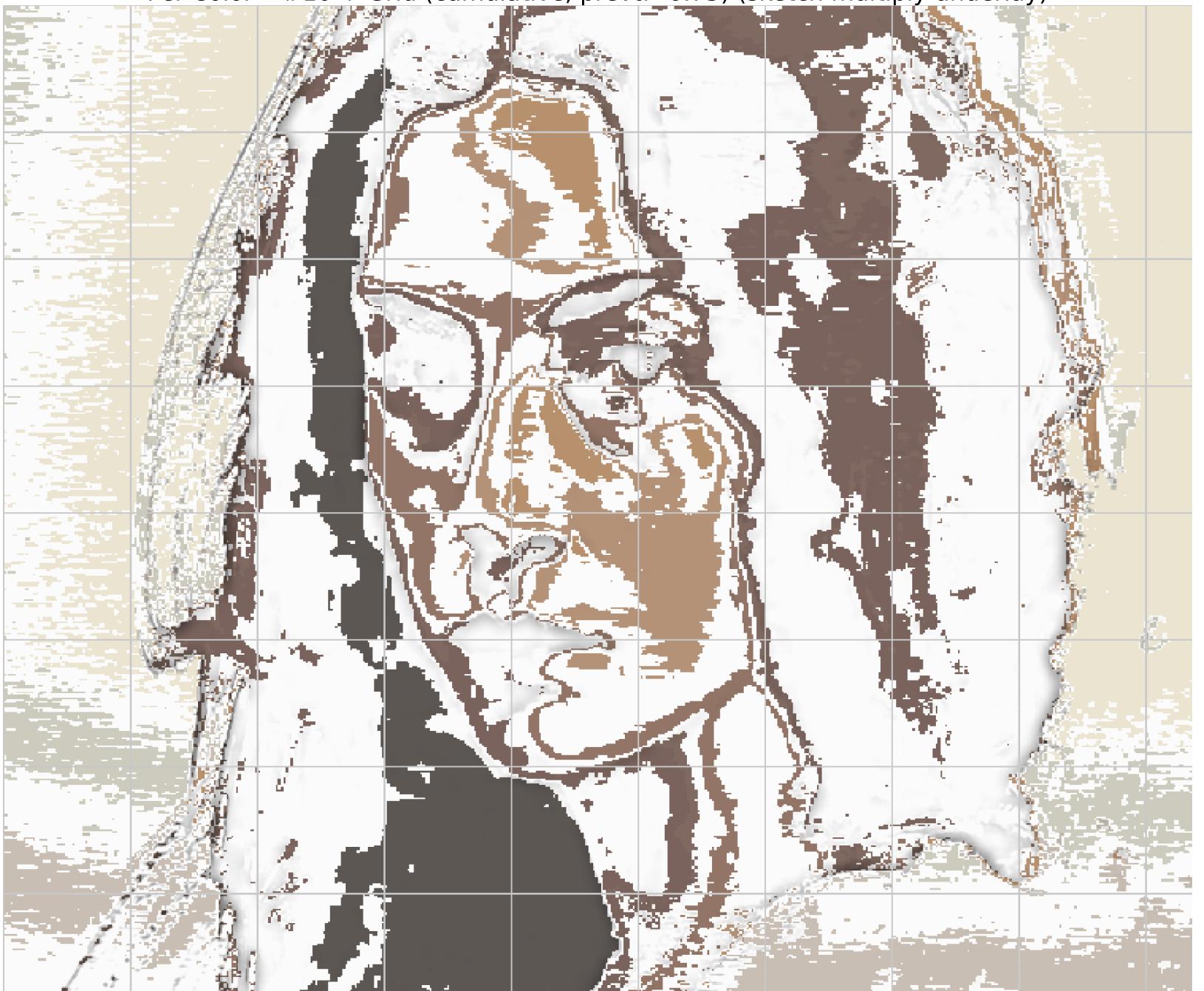
Per-Color • #9 + Grid (cumulative, preva=0.75) (sketch multiply underlay)



9: 8 parts Titanium White + 2 parts Yellow Ochre • L*=0.2 • ΔE≈0.01 • Value tweak: none (base)

Color Key • Color #10 (swatch = mixed color)

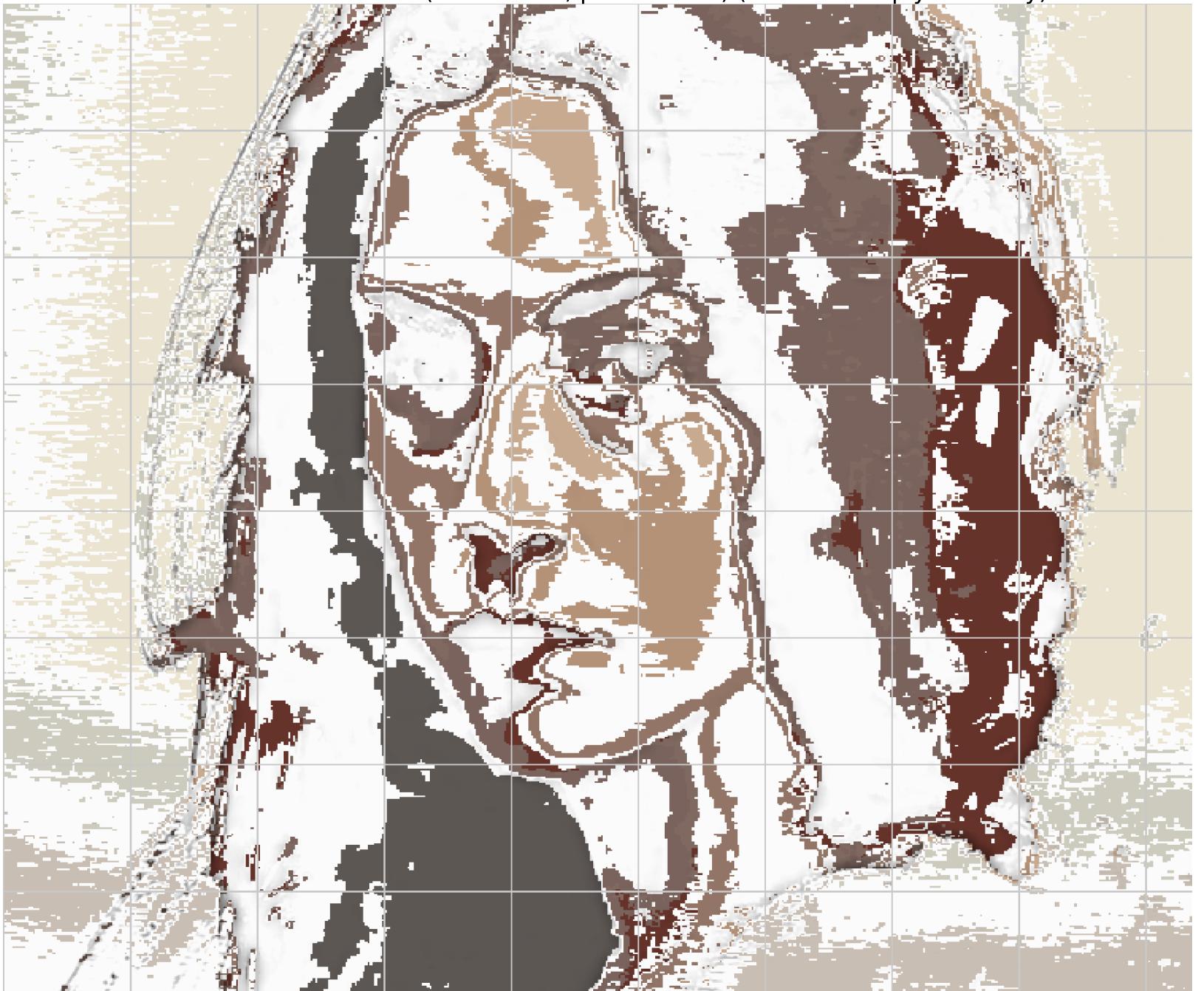
Per-Color • #10 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



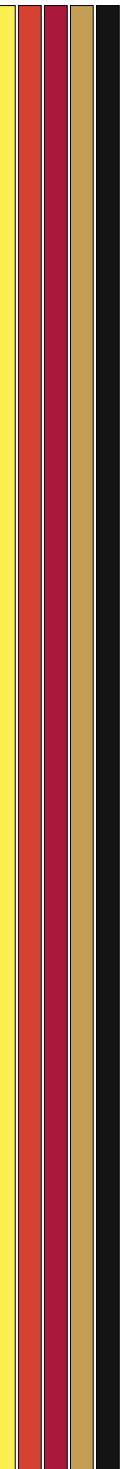
10: 5 parts Titanium White + 2
parts Lemon Yellow + 2 parts
Vermillion Red + 1 part Lamp
Black • L*=0.2 • ΔE≈0.00

Color Key • Color #11 (swatch = mixed color)

Per-Color • #11 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)

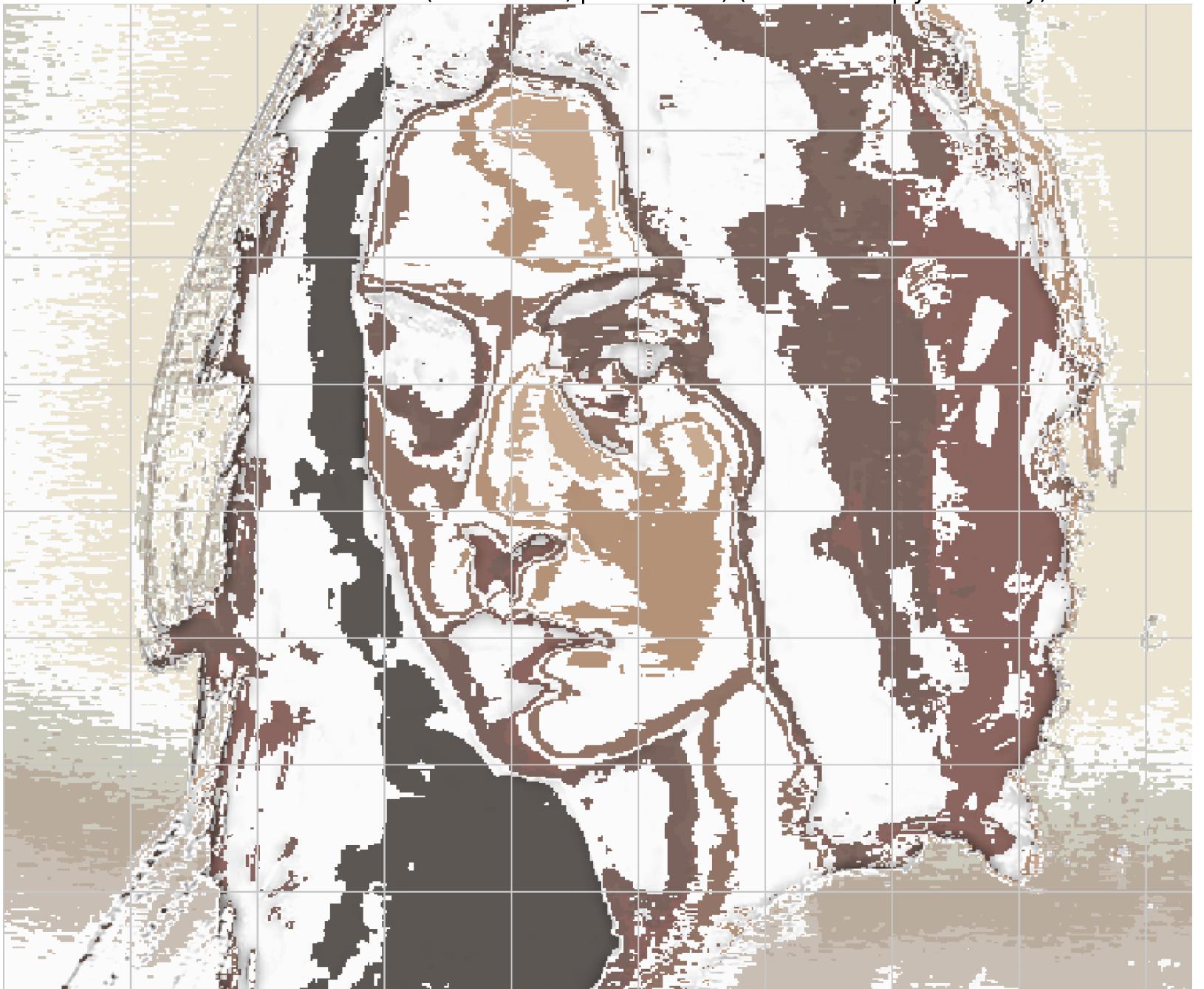


11: 1 part Lemon Yellow + 4
parts Vermillion Red + 1
part Carmine + 1 part Yellow
Ochre + 3 parts Lamp Black
• L*=0.1 • ΔE≈0.00



Color Key • Color #12 (swatch = mixed color)

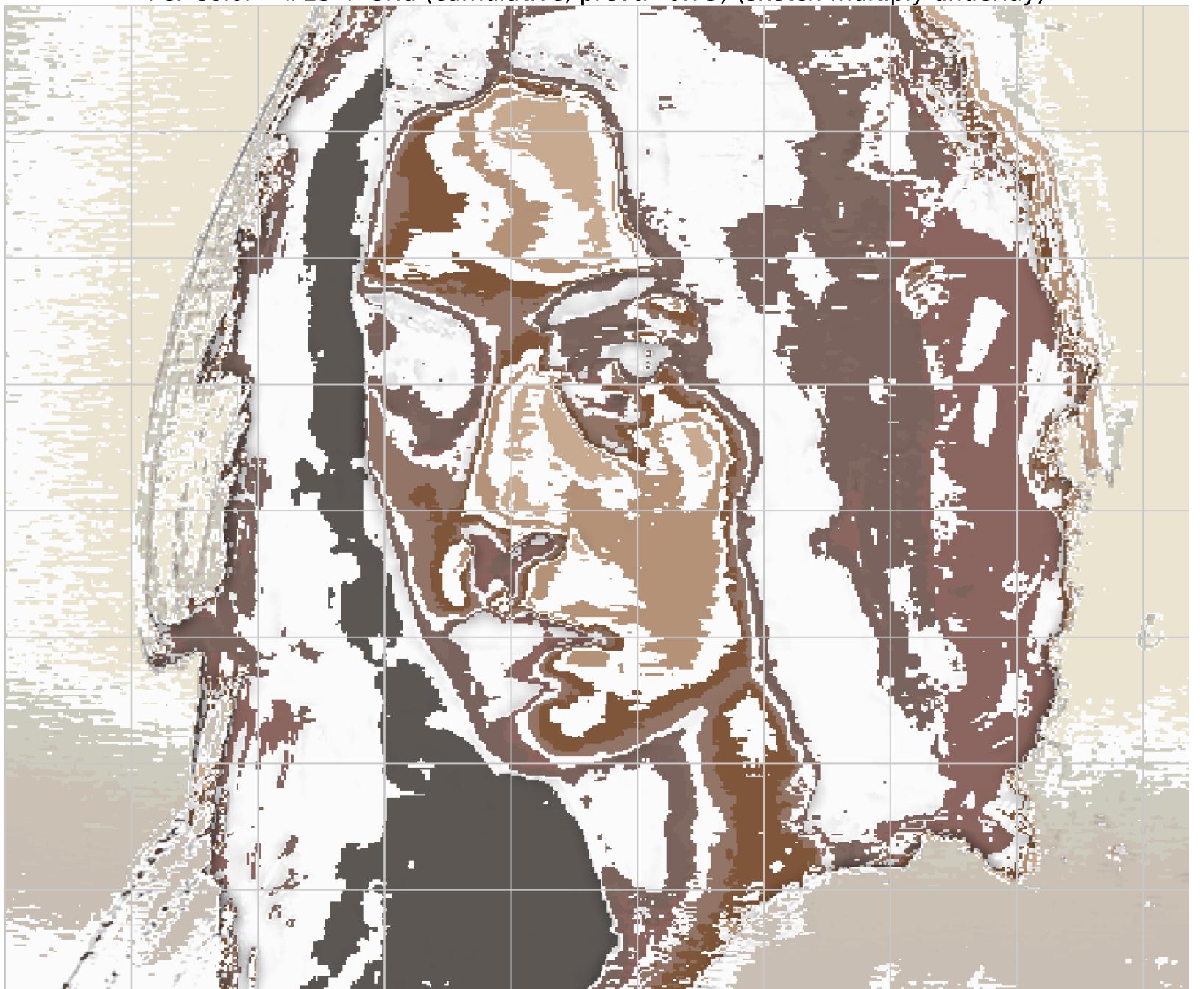
Per-Color • #12 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



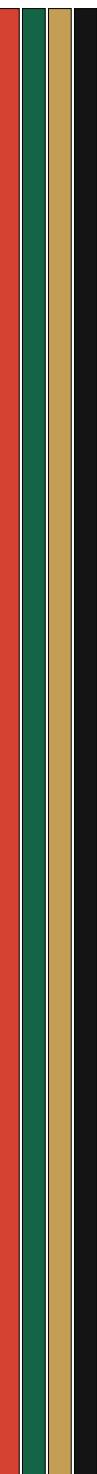
12: 6 parts Titanium White +
1 part Lemon Yellow + 1 part
Vermillion Red + 1 part
Ultramarine + 1 part Yellow
Ochre • $L^*=0.2$ • $\Delta E \approx 0.01$

Color Key • Color #13 (swatch = mixed color)

Per-Color • #13 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



13: 4 parts Vermillion Red + 1 part Phthalo Green + 4 parts Yellow Ochre + 1 part Lamp Black • L*≈0.1 • ΔE≈0.00



Color Key • Color #14 (swatch = mixed color)

Per-Color • #14 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



14: 5 parts Vermillion Red + 1 part Phthalo Green + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.00

Color Key • Color #15 (swatch = mixed color)

Per-Color • #15 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



15: 1 part Lemon Yellow + 3
parts Vermillion Red + 1
part Ultramarine + 1 part
Yellow Ochre + 4 parts Lamp
Black • L*=0.1 • ΔE≈0.00

Color Key • Color #16 (swatch = mixed color)

Per-Color • #16 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



16: 2 parts Titanium White +
2 parts Lemon Yellow + 3
parts Vermillion Red + 1
part Yellow Ochre + 2 parts
Lamp Black • L*≈0.1 •
 $\Delta E\approx 0.00$

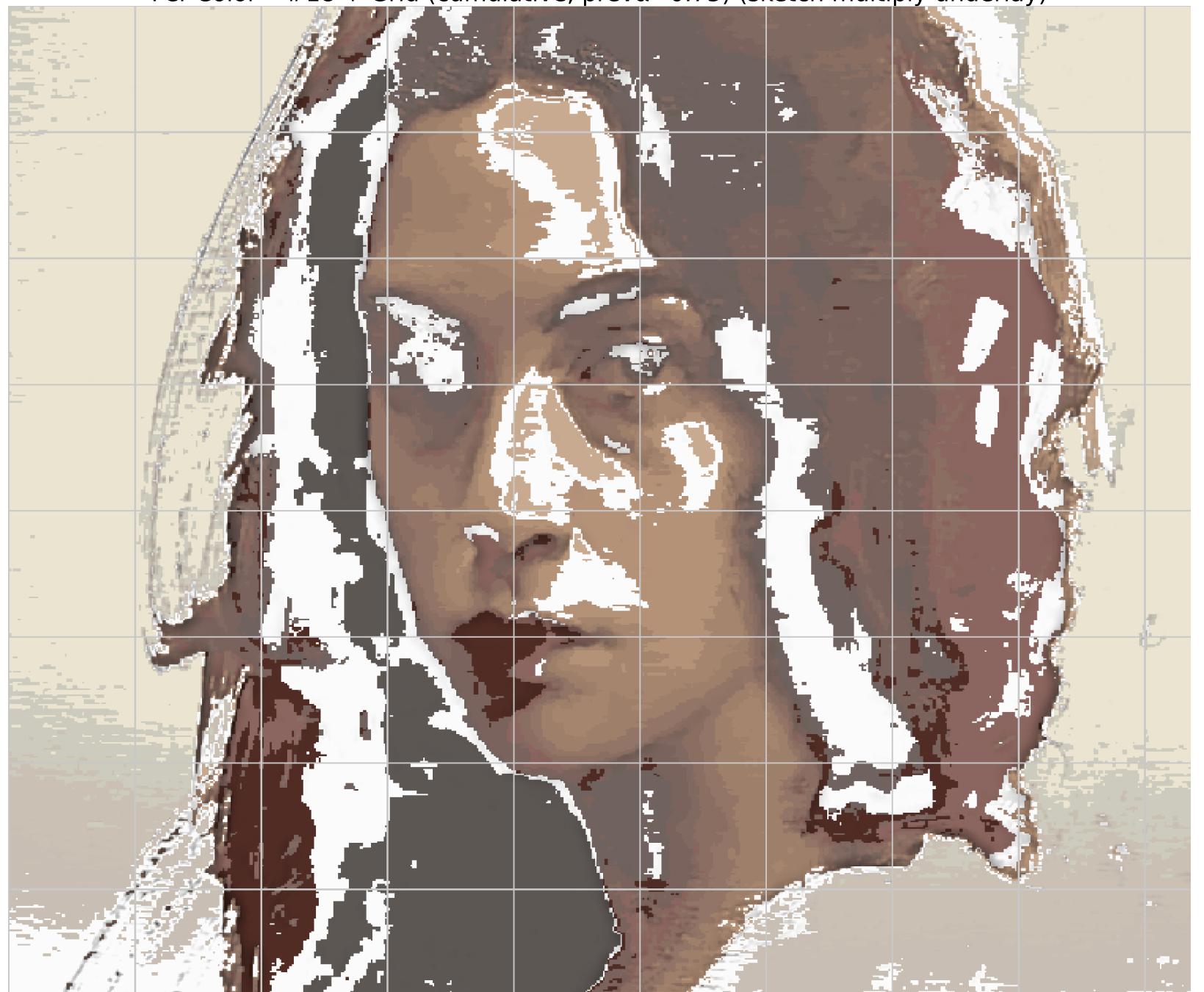
Color Key • Color #17 (swatch = mixed color)

Per-Color • #17 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



Color Key • Color #18 (swatch = mixed color)

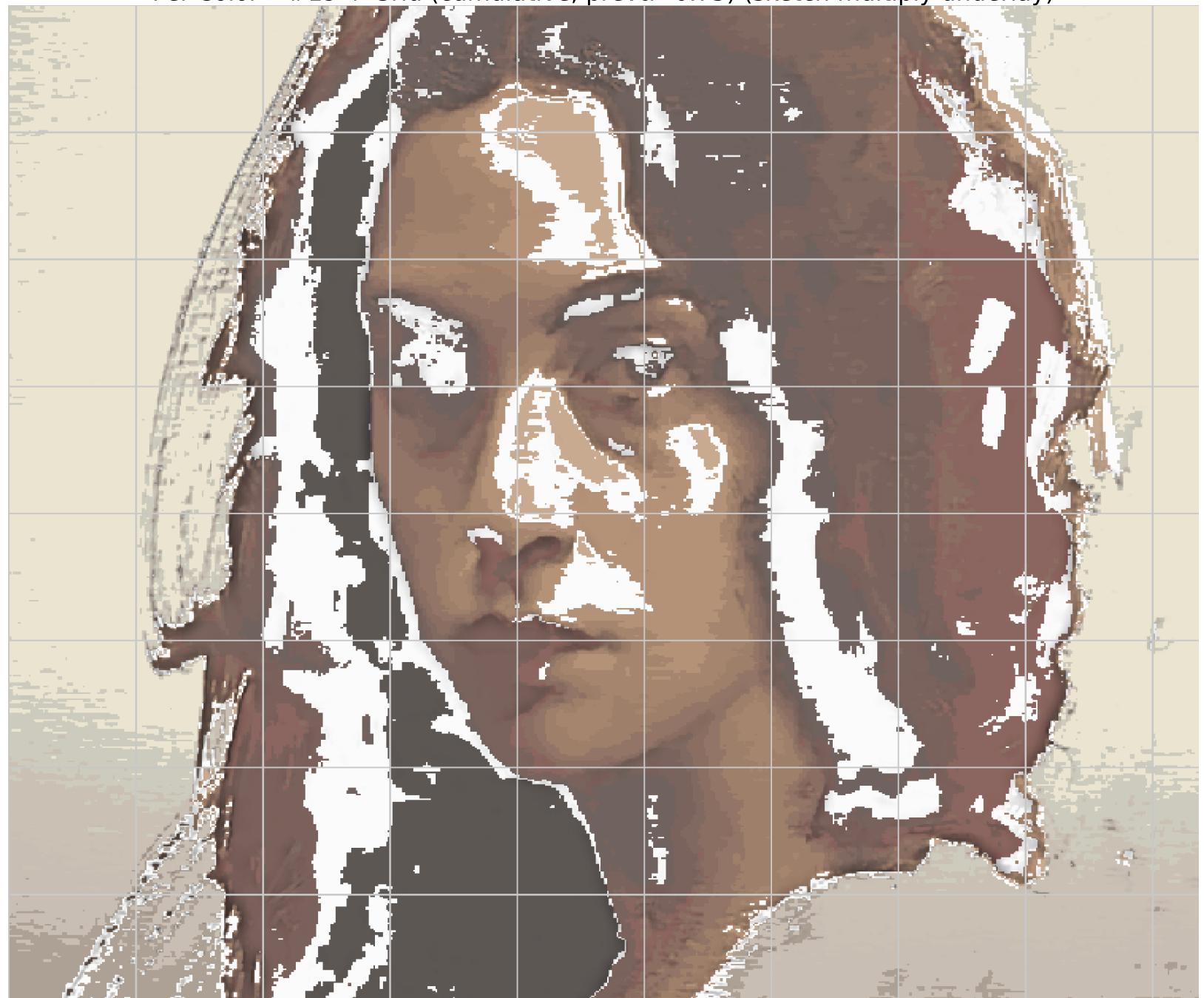
Per-Color • #18 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



18: 5 parts Vermillion Red + 1 part Yellow Ochre + 4 parts Lamp Black • L*=0.1 • ΔE≈0.01

Color Key • Color #19 (swatch = mixed color)

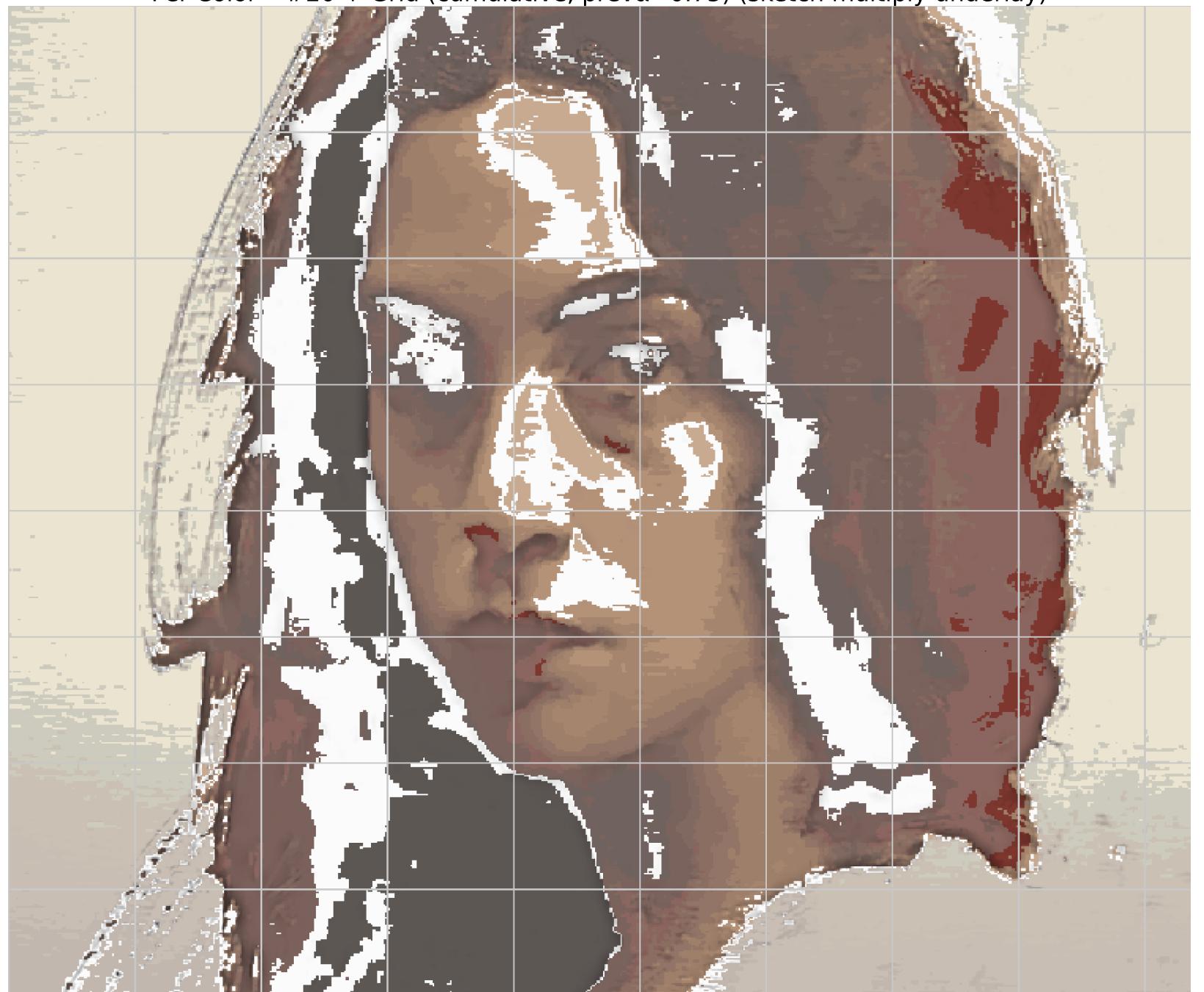
Per-Color • #19 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



19: 6 parts Titanium White + 1 part Carmine + 1 part Phthalo Green + 2 parts Yellow Ochre
• L*=0.2 • ΔE≈0.01

Color Key • Color #20 (swatch = mixed color)

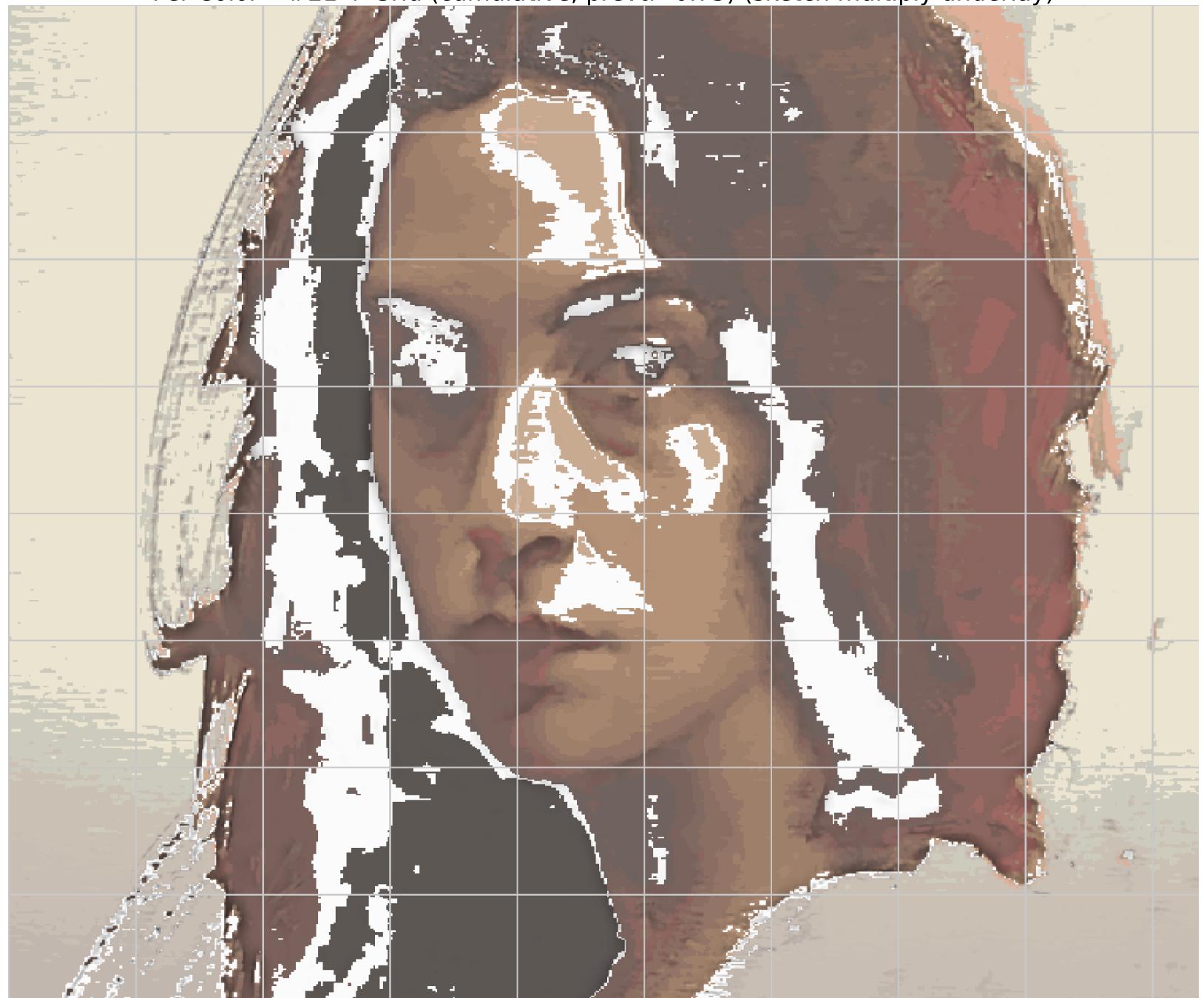
Per-Color • #20 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



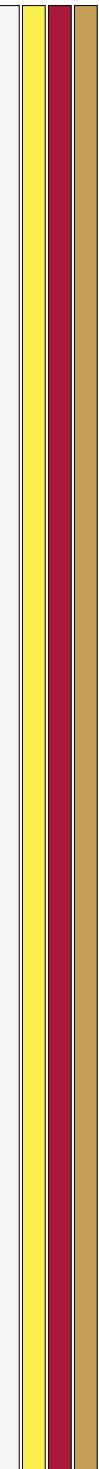
20: 5 parts Vermillion Red + 1 part Carmine + 2 parts Yellow Ochre + 2 parts Lamp Black • L*=0.1 • ΔE≈0.01

Color Key • Color #21 (swatch = mixed color)

Per-Color • #21 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



21
21: 6 parts Titanium White + 1 part Lemon Yellow + 1 part Carmine + 2 parts Yellow Ochre
• $L^*=0.2$ • $\Delta E \approx 0.01$



Color Key • Color #22 (swatch = mixed color)

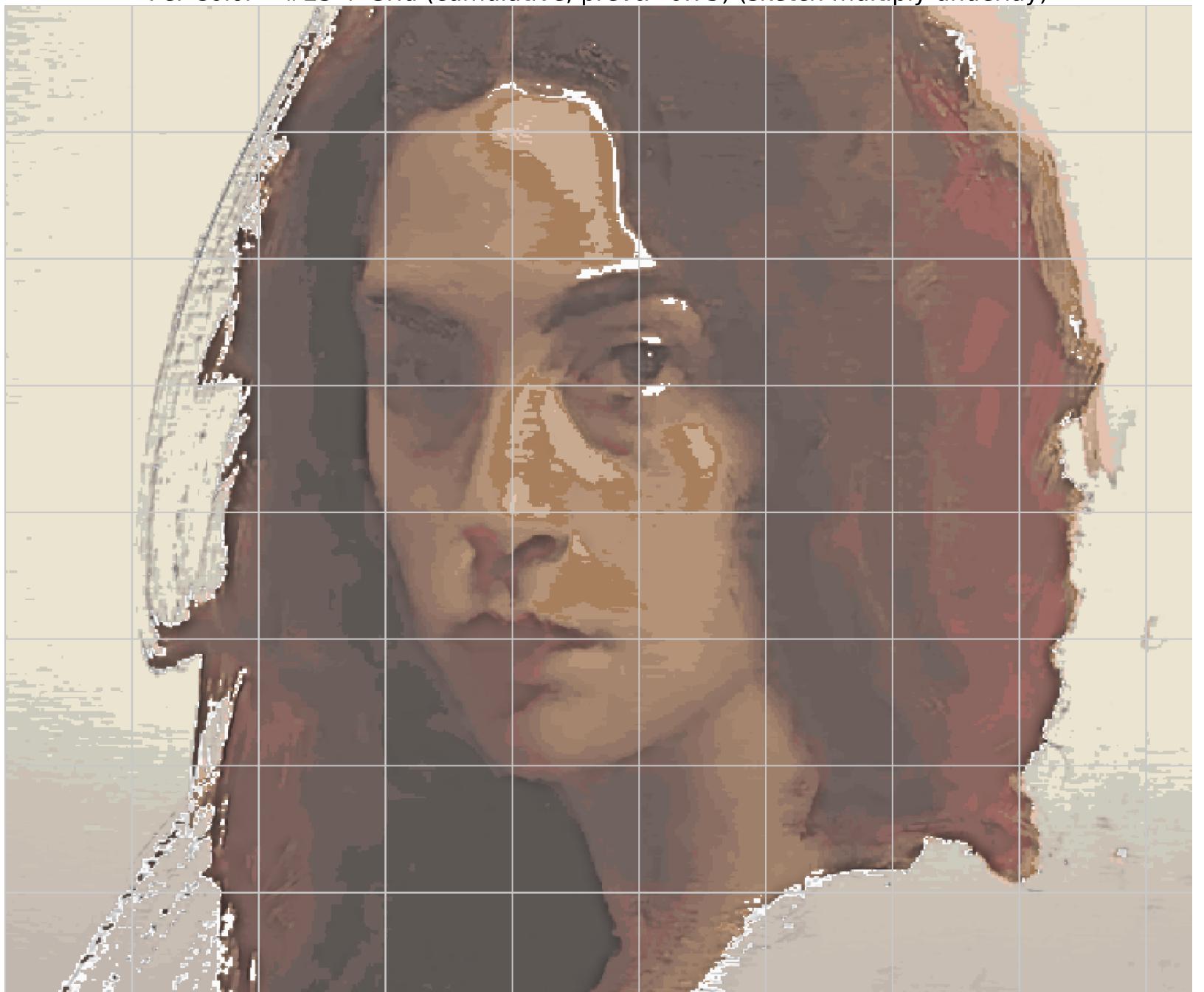
Per-Color • #22 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



22: 1 part Vermillion Red + 1 part Carmine + 3 parts Yellow Ochre + 5 parts Lamp Black • L*=0.1 • ΔE≈0.00

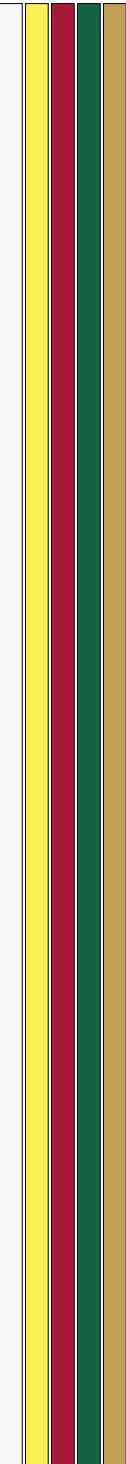
Color Key • Color #23 (swatch = mixed color)

Per-Color • #23 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



23: 2 parts Titanium White +
3 parts Lemon Yellow + 2
parts Carmine + 1 part
Pthalo Green + 2 parts
Yellow Ochre • L*=0.1 •
 $\Delta E \approx 0.00$

23



Color Key • Color #24 (swatch = mixed color)

Per-Color • #24 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



24: 2 parts Titanium White + 3 parts Lemon Yellow + 3 parts Carmine + 2 parts Phalo Green
• L*=0.1 • ΔE≈0.00

Color Key • Color #25 (swatch = mixed color)

Per-Color • #25 + Grid (cumulative, prev α =0.75) (sketch multiply underlay)



25: 4 parts Titanium White +
1 part Lemon Yellow + 3
parts Vermillion Red + 1
part Ultramarine + 1 part
Phthalo Green • L*=0.1 •
 $\Delta E \approx 0.01$

Completed — All Colors Applied + Grid

