

Converting Colors

HunterLab(87.8776, -5.3587,
25.2808)

Have a look what the booklet for
HunterLab(87.8776, -5.3587,
25.2808) contains.

HunterLab(87.7837, -5.2048, 25.1961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.7837, -5.2048,
25.1961)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E2B3
RGB	245, 226, 179
RGB Percent	96%, 89%, 70%
CMY	0.0392, 0.1137, 0.2980
CMYK	0.00, 0.08, 0.27, 0.04
HSL	43°, 77%, 83%
HSV	43°, 27%, 96%
XYZ	72.9892, 77.0598, 53.6748
YIQ	226.3230, 26.4110, -10.5890

Conversions

Conversions Part 2

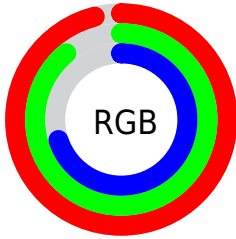
Format	Color
R _Y B	206, 245, 179
Decimal	16114355
CIE Lab	90.35, -0.53, 25.37
CIE LCh	90, 25.376, 91.203
Yxy	77.0633, 0.3583, 0.3783
Android (android.graphics.Color)	4294304435 (0xFFF5E2B3)
YUV	226.3230, -23.3302, 16.3797
Hunter-Lab	87.7837, -5.2048, 25.1961

Details

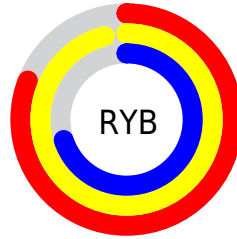
The HunterLab color **87.7837, -5.2048, 25.1961** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.2083, -0.4469, -21.7671**, and the grayscale version is **87.4409, -4.6656, 4.7508**.

A 20% lighter version of the original color is **99.3872, -8.7033, 14.2019**, and **64.2834, -4.0136, 21.3355** is the 20% darker color. If you saturate the color by 10%, you get **85.0893, -4.4716, 30.8980**, and if you desaturate by 10%, it is **90.5861, -5.5148, 18.5366**.

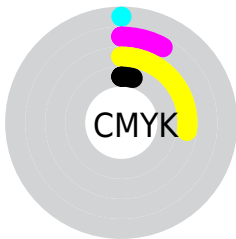
Distribution



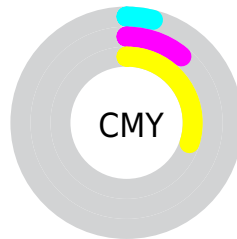
- Red (96%)
- Green (89%)
- Blue (70%)



- Red (81%)
- Yellow (96%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7837, -5.2048, 25.1961 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 87.7837, -5.2048, 25.1961 by changing the saturation by 10% instead.

87.7837, -5.2048,
25.1961

87.7837, -5.2048,
25.1961

220.2226,
-12.4677, 41.6147

75.6999, -4.5370,
23.2654

113.6788, -6.6374,
28.9578

64.2262, -3.8978,
21.2856

127.4381, -7.3943,
30.8011

53.3990, -3.2915,
19.2435

141.7116, -8.1778,
32.6271

43.2595, -2.7201,
17.1191

156.4815, -8.9872,
34.4396

33.8581, -2.1857,
14.8839

171.7315, -9.8216,
36.2422

25.2579, -1.6911,
12.4960

187.4472,

17.5421, -1.2396,

-10.6802, 38.0374

9.9834

203.6149,
-11.5625, 39.8276

■ 10.8268, -0.8356,
7.5788

■ 1.9705, -1.2838,
1.3793

■ 87.7837, -5.2048,
25.1961

■ 87.7837, -5.2048,
25.1961

■ 85.0893, -4.4716,
30.8980

■ 90.5861, -5.5148,
18.5366

■ 82.5004, -3.2963,
35.6007

■ 93.4869, -5.4077,
10.9607

■ 80.0219, -1.6761,
39.2772

■ 96.4840, -4.9030,
2.5174

■ 77.6558, 0.3874,
41.9142

■ 98.8179, -8.1649,
3.9842

75.4029, 2.8829,
43.5207

99.0720, -8.5792,
4.2791

73.2620, 5.7853,
44.1390

71.2282, 9.0478,
43.8696

70.6217, 10.0871,
43.6933

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7857, 7.5461, 22.9979



87.7837, -5.2048, 25.1961



87.7857, -17.1388, 22.6150

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7857, -5.2076, 25.1972



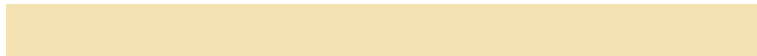
87.7857, -24.8585, -8.3061



87.7857, 18.0549, -7.3277

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.7837, -5.2048, 25.1961



75.2083, -0.4469, -21.7671

Split Complementary

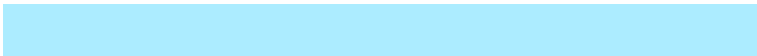
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7857, 8.4964, -17.8226



87.7837, -5.2048, 25.1961



87.7857, -16.2882, -18.4423

Square

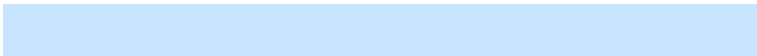
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7857, -5.2076, 25.1972



87.7857, -28.0738, 4.2828



87.7857, -4.1687, -22.1499



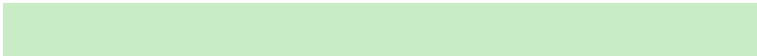
87.7857, 21.4335, 5.2711

Rectangle

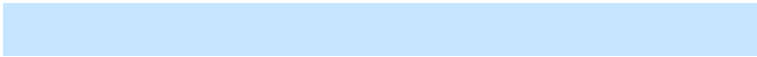
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7837, -5.2048, 25.1961



87.7857, -23.1460, 18.2791



87.7857, -4.1687, -22.1499



87.7857, 15.4319, -11.2788

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.7857, -5.2076, 25.1972



97.5019, -5.6916, 12.3703



74.6778, 22.4404, 3.6059



44.8948, -2.6504, 6.2967

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7857, -5.2076, 25.1972



90.4066, -5.1115, 29.5576



92.5647, -19.2815, 29.3828



42.9658, -2.5358, 6.0112



52.0742, 6.9596, 32.2097



15.9964, 1.0504, 9.8753

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.2083, -0.4469, -21.7671



74.8531, 0.9083, -28.7973



70.7575, 13.3870, -28.5512



40.8699, -1.7749, -1.7469



24.7999, 29.8594, -95.4555



8.4221, 6.0095, -23.4997

Previews

White Background



This preview shows how the HunterLab color 87.7837, -5.2048, 25.1961 looks on a white background.

Color Contrast Check

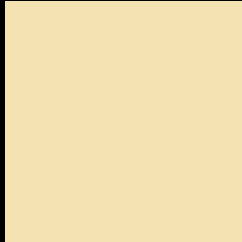
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 87.7837, -5.2048, 25.1961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

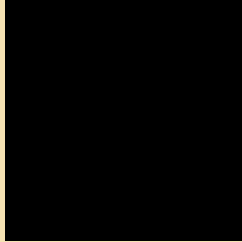
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.7837, -5.2048, 25.1961 Background



This preview shows how black text looks on a background with the HunterLab color 87.7837, -5.2048, 25.1961.

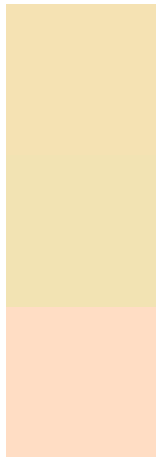


This preview shows how white text looks on a background with the HunterLab color 87.7837, -5.2048,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.7837, -5.2048, 25.1961

Protanopia

87.7896, -6.7814, 25.1740

Deuteranopia

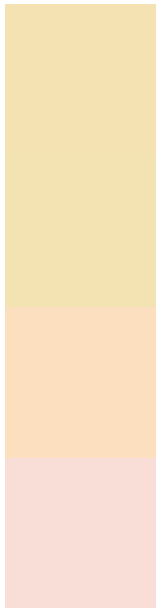
87.7260, 3.2776, 18.8175



Tritanopia

87.6564, 9.9412, 1.0250

Trichromacy



Original Color

87.7837, -5.2048, 25.1961

Protanomaly

87.8906, -6.4278, 25.2755

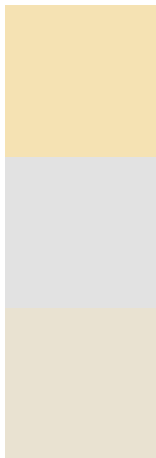
Deuteranomaly

87.7509, -0.0546, 21.1557

Tritanomaly

87.6122, 3.9429, 10.5481

Monochromacy



Original Color

87.7837, -5.2048, 25.1961

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.3612, -5.1369, 12.8028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7837, -5.2048, 25.1961 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 226, 179)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 226, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7837, -5.2048, 25.1961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 226, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 226, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 226, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 226, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 226, 179); box-shadow:4px 4px 4px 4px rgb(245, 226, 179) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7837, -5.2048, 25.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
226, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor