

Converting Colors

HunterLab(87.6573, -3.9987,
4.9997)

Have a look what the booklet for
HunterLab(87.6573, -3.9987, 4.9997)
contains.

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Color

**HunterLab(87.8307, -4.0287,
4.9924)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E3E3
RGB	229, 227, 227
RGB Percent	90%, 89%, 89%
CMY	0.1020, 0.1098, 0.1098
CMYK	0.00, 0.01, 0.01, 0.10
HSL	0°, 4%, 89%
HSV	0°, 1%, 90%
XYZ	73.6474, 77.1423, 83.6815
YIQ	227.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

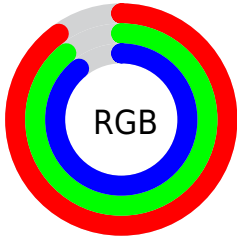
Format	Color
R_{YB}	229, 227, 227
Decimal	15066083
CIE Lab	90.39, 0.68, 0.23
CIE LCh	90, 0.714, 18.763
Yxy	77.1456, 0.3141, 0.3290
Android (android.graphics.Color)	4293256163 (0xFFE5E3E3)
YUV	227.5980, -0.2948, 1.2296
Hunter-Lab	87.8307, -4.0287, 4.9924

Details

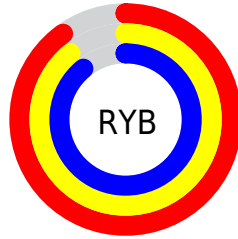
The HunterLab color $87.8307, -4.0287, 4.9924$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88.3322, -5.3652, 4.5788$, and the grayscale version is $87.9078, -4.6905, 4.7762$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.4067, -2.8114, 3.7089$ is the 20% darker color. If you saturate the color by 10%, you get $80.1743, 4.0838, 7.1813$, and if you desaturate by 10%, it is $95.8332, -11.8141, 2.9401$.

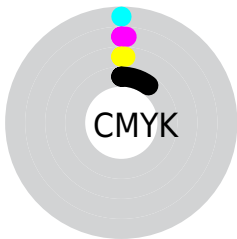
Distribution



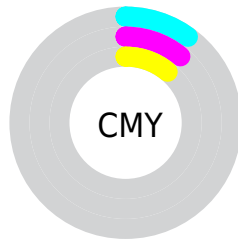
- Red (90%)
- Green (89%)
- Blue (89%)



- Red (90%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8307, -4.0287, 4.9924 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 87.8307, -4.0287, 4.9924 by changing the saturation by 10% instead.

■ 87.8307, -4.0287,
4.9924

■ 87.8307, -4.0287,
4.9924

220.2863,
-10.8690, 12.2801

■ 75.7446, -3.4169,
4.3255

113.7300, -5.3548,
6.4227

■ 64.2684, -2.8373,
3.6900

127.4912, -6.0619,
7.1807

■ 53.4387, -2.2943,
3.0891

141.7666, -6.7975,
7.9665

■ 43.2966, -1.7903,
2.5248

156.5383, -7.5605,
8.7790

■ 33.8922, -1.3288,
1.9996

171.7902, -8.3500,
9.6173

■ 25.2889, -0.9138,
1.5169

187.5076, -9.1651,

■ 17.5696, -0.5511,

10.4807

1.0805

203.6770,
-10.0050, 11.3686

■ 10.8502, -0.2491,
0.6962

■ 2.0742, 1.3104,
0.5722

■ 87.8307, -4.0287,
4.9924

■ 87.8307, -4.0287,
4.9924

■ 80.1743, 4.0838,
7.1813

■ 95.8332, -11.8141,
2.9401

■ 72.9173, 12.5613,
9.5169

■ 97.6720, -13.5313,
2.5183

■ 66.1360, 21.4037,
12.0060

■ 59.9238, 30.5487,
14.6335

■ 54.3944, 39.8154,
17.3459

■ 49.6781, 48.8364,
20.0281

■ 45.9077, 57.0150,
22.4888

■ 43.1871, 63.5900,
24.4805

■ 41.5443, 67.8901,
25.7823

Harmonies

Analogous

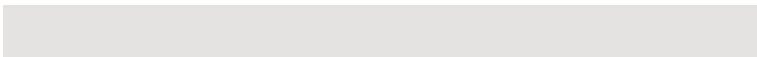
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8326, -4.0071, 4.6518



87.8307, -4.0287, 4.9924



87.8326, -4.2317, 5.2777

Triad

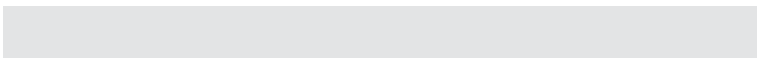
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8326, -4.0308, 4.9938



87.8326, -5.2144, 5.2166



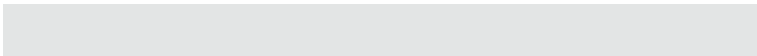
87.8326, -4.8269, 4.1286

Complementary

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



87.8307, -4.0287, 4.9924



88.3322, -5.3652, 4.5788

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.



87.8326, -5.1499, 4.2813



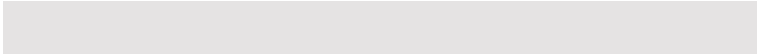
87.8307, -4.0287, 4.9924



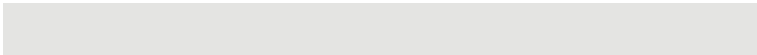
87.8326, -5.3733, 4.9100

Square

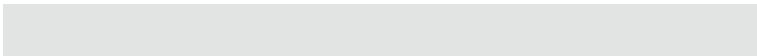
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



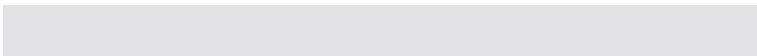
87.8326, -4.0308, 4.9938



87.8326, -4.9151, 5.4060



87.8326, -5.3497, 4.5676



87.8326, -4.4671, 4.1513

Rectangle

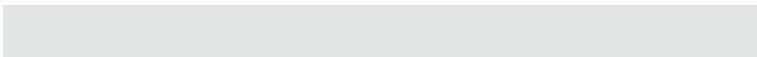
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



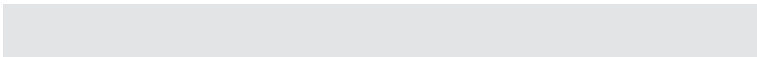
87.8307, -4.0287, 4.9924



87.8326, -4.4388, 5.3963



87.8326, -5.3497, 4.5676



87.8326, -4.9434, 4.1612

Sweetspot

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



87.8326, -4.0308, 4.9938

100.0000, -5.3358, 5.4332



87.8946, -3.6831, 4.0909



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

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



87.8326, -4.0308, 4.9938



99.1079, -4.4346, 5.6733



88.1432, -4.5483, 5.3490



40.9627, -1.8542, 2.3376



30.8732, 52.8103, 19.9485



8.4018, 14.3243, 5.4279

Inverse Universe

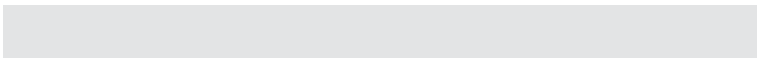
The Inverse Universe completely reimagines the original color for something new.



88.3322, -5.3652, 4.5788



99.7580, -6.1708, 5.1333



88.0205, -4.8487, 4.2196



41.2152, -2.5285, 2.1279



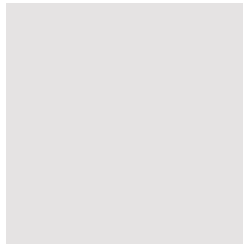
59.2789, -31.3524, -6.4126



16.1191, -8.5284, -1.7370

Previews

White Background



This preview shows how the HunterLab color 87.8307, -4.0287, 4.9924 looks on a white background.

Color Contrast Check

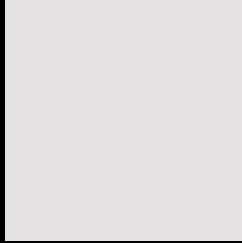
Large Text (above 18pt) WCAG AA × Fail

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 87.8307, -4.0287, 4.9924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

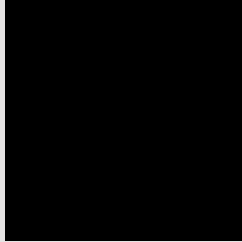
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

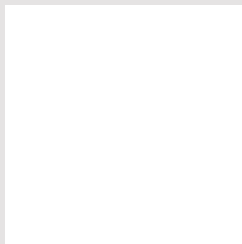
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8307, -4.0287, 4.9924 Background



This preview shows how black text looks on a background with the HunterLab color 87.8307, -4.0287, 4.9924.



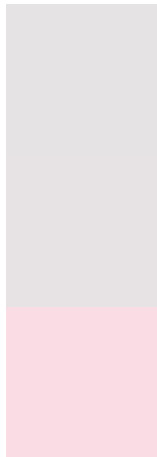
This preview shows how white text looks on a background with the HunterLab color 87.8307, -4.0287, 4.9924.

4.9924.

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

87.8307, -4.0287, 4.9924

Protanopia

87.7084, -2.8550, 4.8693

Deuteranopia

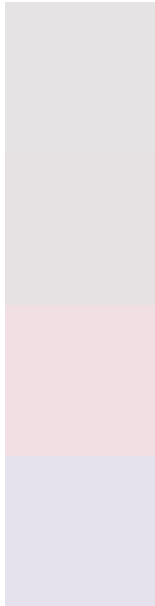
87.7084, 6.6031, 4.5442



Tritanopia

87.8921, 0.3489, -2.5027

Trichromacy



Original Color

87.8307, -4.0287, 4.9924

Protanomaly

87.6138, -3.1824, 4.7522

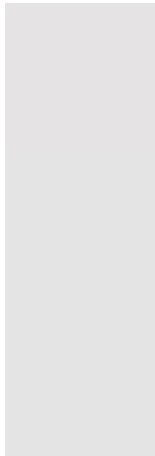
Deuteranomaly

87.8943, 2.5791, 4.6933

Tritanomaly

87.9376, -1.4175, 0.1422

Monochromacy



Original Color

87.8307, -4.0287, 4.9924

Achromatopsia

88.0808, -4.6998, 4.7856

Achromatomaly

88.0808, -4.6998, 4.7856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8307, -4.0287, 4.9924 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(229, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 227)  
}
```

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(229, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8307, -4.0287, 4.9924 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(229, 227, 227) }
```

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

```
.border{ border-color:rgb(229, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 227, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 227, 227); box-shadow:4px 4px 4px 4px rgb(229, 227, 227) }
```


Background

The CSS property to change the background color of an element to HunterLab 87.8307, -4.0287, 4.9924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 227) }
```

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

```
.background{ background-color: rgb(229,  
227, 227) }
```

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](#).

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