

Converting Colors

HunterLab(87.6856, -3.5837,
3.4708)

Have a look what the booklet for
HunterLab(87.6856, -3.5837, 3.4708)
contains.

HunterLab(87.8324, -3.8324, 3.5197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(87.8324, -3.8324,
3.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3E6
RGB	228, 227, 230
RGB Percent	89%, 89%, 90%
CMY	0.1059, 0.1098, 0.0980
CMYK	0.01, 0.01, 0.00, 0.10
HSL	260°, 6%, 90%
HSV	260°, 1%, 90%
XYZ	73.7469, 77.1453, 85.8665
YIQ	227.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

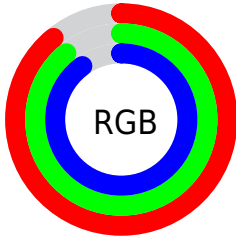
Format	Color
R _Y B	228, 227, 230
Decimal	15000550
CIE Lab	90.39, 0.88, -1.35
CIE LCh	90, 1.609, 303.043
Yxy	77.1486, 0.3115, 0.3258
Android (android.graphics.Color)	4293190630 (0xFFE4E3E6)
YUV	227.6410, 1.1630, 0.3148
Hunter-Lab	87.8324, -3.8324, 3.5197

Details

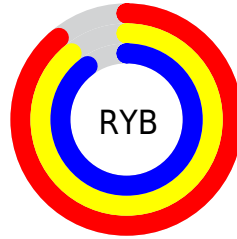
The HunterLab color $87.8324, -3.8324, 3.5197$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88.7692, -5.5835, 6.0596$, and the grayscale version is $87.9209, -4.6912, 4.7769$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.4084, -2.6246, 2.3078$ is the 20% darker color. If you saturate the color by 10%, you get $79.3694, 3.2743, -6.9601$, and if you desaturate by 10%, it is $96.5432, -10.7661, 13.3248$.

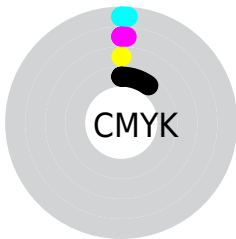
Distribution



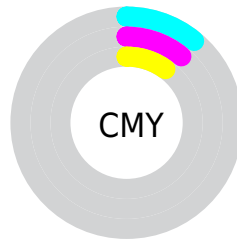
- Red (89%)
- Green (89%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8324, -3.8324, 3.5197 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 87.8324, -3.8324, 3.5197 by changing the saturation by 10% instead.

■ 87.8324, -3.8324,
3.5197

■ 87.8324, -3.8324,
3.5197

220.2886,
-10.6027, 10.2848

■ 75.7462, -3.2299,
2.9229

113.7318, -5.1409,
4.8191

■ 64.2700, -2.6602,
2.3611

127.4931, -5.8398,
5.5155

■ 53.4401, -2.1277,
1.8382

141.7686, -6.5674,
6.2419

■ 43.2979, -1.6349,
1.3571

156.5404, -7.3227,
6.9969

■ 33.8935, -1.1854,
0.9217

171.7923, -8.1048,
7.7796

■ 25.2900, -0.7835,
0.5367

187.5098, -8.9126,

■ 17.5706, -0.4355,

8.5891

0.2091

203.6793, -9.7455,
9.4244

■ 10.8510, -0.1503,
-0.0509

■ 2.0778, 1.7288,
-2.5774

■ 87.8324, -3.8324,
3.5197

■ 87.8324, -3.8324,
3.5197

■ 79.3694, 3.2743,
-6.9601

■ 96.5432, -10.7661,
13.3248

■ 71.1850, 10.6106,
-18.3046

■ 99.2438, -9.4946,
16.2622

■ 63.3296, 18.2305,
-30.7461

■ 55.8686, 26.1854,
-44.5644

■ 48.8918, 34.4936,
-60.0552

■ 42.5238, 43.0727,
-77.4242

■ 36.9334, 51.6012,
-96.5192

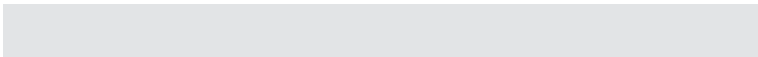
■ 32.3339, 59.3066,
-116.3142

■ 28.9450, 64.8634,
-134.3778

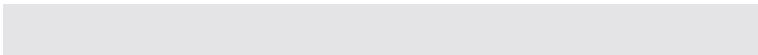
Harmonies

Analogous

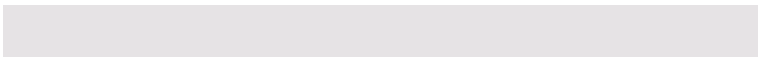
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8343, -4.6080, 3.2780



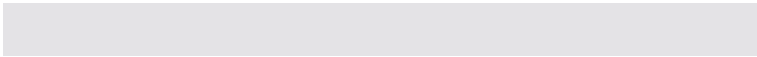
87.8324, -3.8324, 3.5197



87.8343, -3.2889, 4.1020

Triad

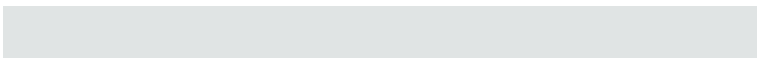
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8343, -3.8344, 3.5211



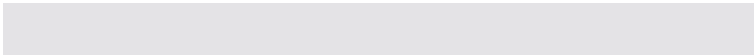
87.8343, -3.9792, 6.1006



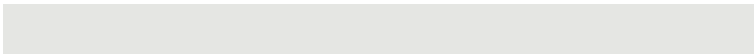
87.8343, -6.2521, 4.7018

Complementary

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



87.8324, -3.8324, 3.5197



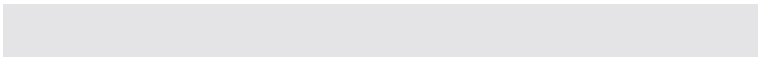
88.7692, -5.5835, 6.0596

Split Complementary

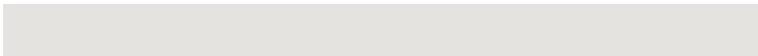
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8343, -6.0850, 5.4547



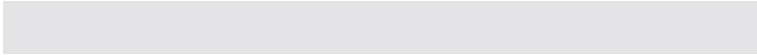
87.8324, -3.8324, 3.5197



87.8343, -4.7746, 6.2580

Square

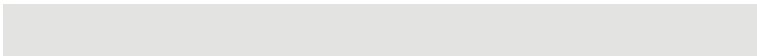
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



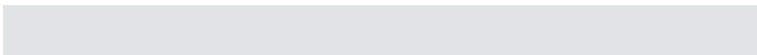
87.8343, -3.8344, 3.5211



87.8343, -3.3727, 5.5907



87.8343, -5.5449, 6.0226



87.8343, -6.0022, 3.9636

Rectangle

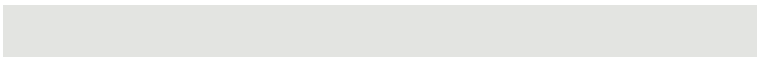
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



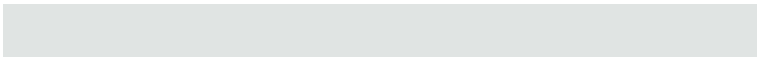
87.8324, -3.8324, 3.5197



87.8343, -3.1290, 4.6001



87.8343, -5.5449, 6.0226



87.8343, -6.2428, 4.9616

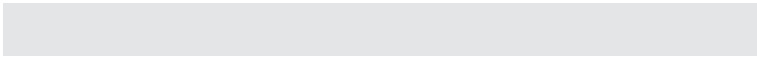
Sweetspot

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



87.8343, -3.8344, 3.5211

100.0000, -5.3358, 5.4332



88.3815, -5.2186, 4.1470



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

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



87.8343, -3.8344, 3.5211



98.0556, -3.7514, 3.1505



87.9698, -3.3647, 3.6907



40.5540, -1.5890, 1.3583



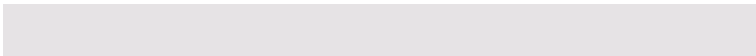
20.4321, 50.8205, -109.5077



5.9814, 14.2392, -27.1105

Inverse Universe

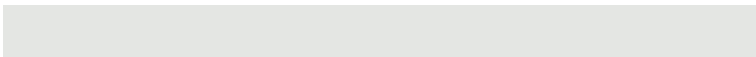
The Inverse Universe completely reimagines the original color for something new.



87.9897, -3.3593, 4.2072



98.3262, -2.9263, 4.3481



88.6353, -6.0511, 5.8955



40.6590, -1.2686, 1.8229



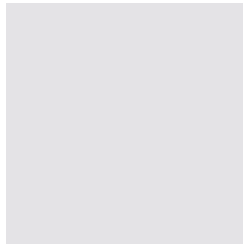
32.9545, 60.4888, -10.1253



9.0530, 16.7821, -4.0618

Previews

White Background



This preview shows how the HunterLab color 87.8324, -3.8324, 3.5197 looks on a white background.

Color Contrast Check

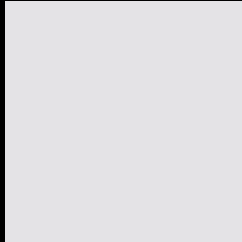
Large Text (above 18pt) WCAG AA × Fail

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 87.8324, -3.8324, 3.5197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

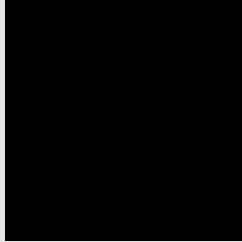
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

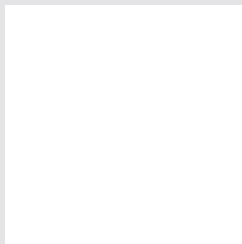
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8324, -3.8324, 3.5197 Background



This preview shows how black text looks on a background with the HunterLab color 87.8324, -3.8324, 3.5197.



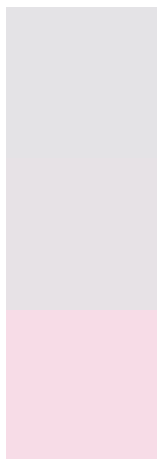
This preview shows how white text looks on a background with the HunterLab color 87.8324, -3.8324,

3.5197.

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

87.8324, -3.8324, 3.5197

Protanopia

87.8036, -2.3356, 3.5116

Deuteranopia

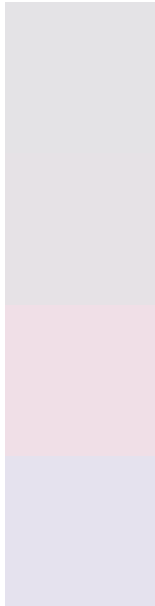
87.5957, 6.4174, 2.9169



Tritanopia

87.8319, 0.2117, -3.1140

Trichromacy



Original Color

87.8324, -3.8324, 3.5197

Protanomaly

87.7091, -2.6621, 3.3932

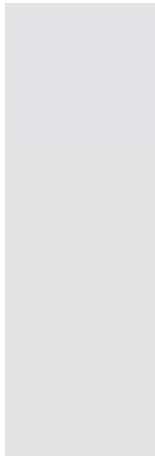
Deuteranomaly

87.7896, 2.4149, 3.0794

Tritanomaly

87.8771, -1.5590, -0.4530

Monochromacy



Original Color

87.8324, -3.8324, 3.5197

Achromatopsia

88.0808, -4.6998, 4.7856

Achromatomaly

88.1124, -4.5266, 4.3347

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8324, -3.8324, 3.5197 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(228, 227, 230)` looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 230)  
}
```

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(228, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8324, -3.8324, 3.5197 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(228, 227, 230) }
```

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

```
.border{ border-color:rgb(228, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
230) }
```


Background

The CSS property to change the background color of an element to HunterLab 87.8324, -3.8324, 3.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 230) }
```

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

```
.background{ background-color: rgb(228,  
227, 230) }
```

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