

# Converting Colors

HunterLab(86.5796, -4.5292,  
3.8271)

Have a look what the booklet for  
HunterLab(86.5796, -4.5292, 3.8271)  
contains.

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# Color

**HunterLab(86.7114, -4.7785,  
4.1498)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E0E1E2
RGB	224, 225, 226
RGB Percent	88%, 88%, 89%
CMY	0.1216, 0.1176, 0.1137
CMYK	0.01, 0.00, 0.00, 0.11
HSL	210°, 3%, 88%
HSV	210°, 1%, 89%
XYZ	71.3931, 75.1887, 82.7015
YIQ	224.8150, -0.9170, 0.0990

# Conversions

## Conversions Part 2

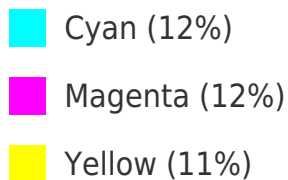
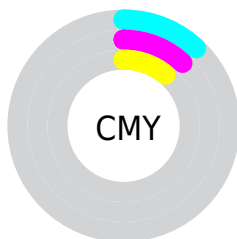
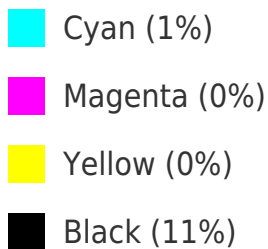
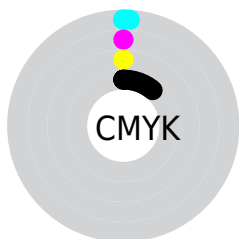
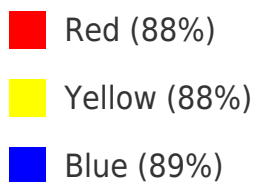
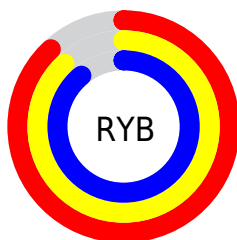
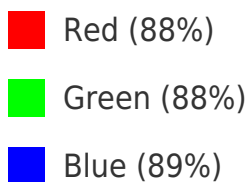
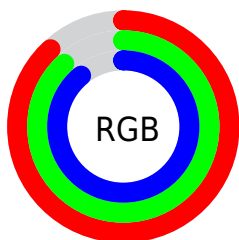
Format	Color
<a href="#">RYB</a>	<a href="#">224, 225, 226</a>
Decimal	<a href="#">14737890</a>
CIELab	<a href="#">89.48, -0.15, -0.61</a>
CIELCh	<a href="#">89, 0.633, 255.953</a>
Yxy	<a href="#">75.1919, 0.3114, 0.3279</a>
Android (android.graphics.Color)	<a href="#">4292927970</a> (0xFFE0E1E2)
YUV	<a href="#">224.8150, 0.5842, -0.7148</a>
Hunter-Lab	<a href="#">86.7114, -4.7785, 4.1498</a>

# Details

The HunterLab color 86.7114, -4.7785, 4.1498 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 86.8332, -4.4768, 5.2751, and the grayscale version is 86.6911, -4.6256, 4.7101.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 63.3441, -3.5235, 2.9084 is the 20% darker color. If you saturate the color by 10%, you get 81.1976, -6.0049, -2.6109, and if you desaturate by 10%, it is 92.3766, -3.1793, 10.6851.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7114, -4.7785, 4.1498 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 86.7114, -4.7785, 4.1498 by changing the saturation by 10% instead.




 86.7114, -4.7785,  
4.1498

 86.7114, -4.7785,  
4.1498


218.7640,  
-11.8874, 11.1347

 74.6794, -4.1305,  
3.5236

112.5095, -6.1718,  
5.5041

 63.2603, -3.5130,  
2.9309


126.2232, -6.9107,  
6.2265

 52.4910, -2.9297,  
2.3754


140.4528, -7.6768,  
6.9778

 42.4135, -2.3828,  
1.8596

155.1803, -8.4693,  
7.7570

 33.0789, -1.8749,  
1.3868

170.3893, -9.2874,  
8.5631

 24.5518, -1.4092,  
0.9612


186.0651,

 16.9176, -0.9900,


-10.1302, 9.3953


0.5888


202.1941,  
-10.9971, 10.2527


 10.2964, -0.6231,  
0.2779


0.0000, NaN, NaN

 86.7114, -4.7785,  
4.1498


 86.7114, -4.7785,  
4.1498


 81.1976, -6.0049,  
-2.6109


 92.3766, -3.1793,  
10.6851

 75.8445, -6.7956,  
-9.6315

 96.7417, -6.2136,  
15.4055

 70.6711, -7.0858,  
-16.9419

 99.1318, -10.1133,  
17.8732

 65.6974, -6.7982,  
-24.5718

■ 60.9461, -5.8454,  
-32.5451

■ 56.4431, -4.1331,  
-40.8742

■ 52.2166, -1.5672,  
-49.5513

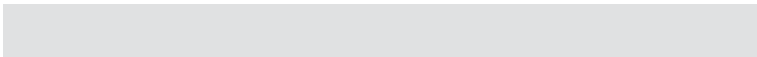
■ 48.2957, 1.9323,  
-58.5388

■ 44.7062, 6.4048,  
-67.7646

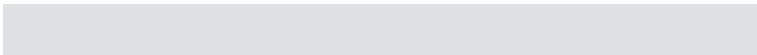
# Harmonies

## Analogous

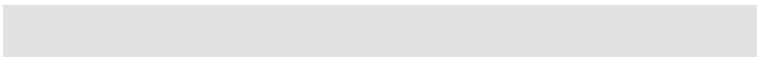
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7133, -5.0582, 4.2989



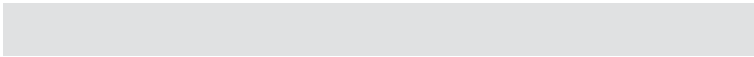
86.7114, -4.7785, 4.1498



86.7133, -4.4625, 4.1563

# Triad

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



86.7133, -4.7805, 4.1512



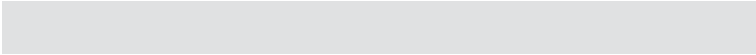
86.7133, -4.0400, 4.8805



86.7133, -5.0726, 5.1254

# Complementary

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



86.7114, -4.7785, 4.1498



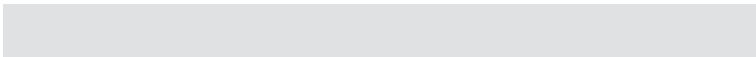
86.8332, -4.4768, 5.2751

# 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.



86.7133, -4.8002, 5.2801



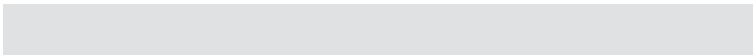
86.7114, -4.7785, 4.1498



86.7133, -4.2039, 5.1390

# Square

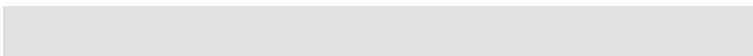
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



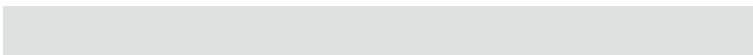
86.7133, -4.7805, 4.1512



86.7133, -4.0347, 4.5781



86.7133, -4.4823, 5.2851

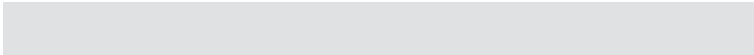


86.7133, -5.2266, 4.8618



# Rectangle

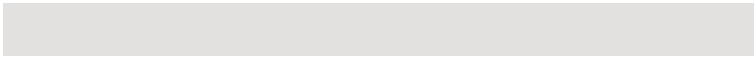
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.7114, -4.7785, 4.1498



86.7133, -4.2705, 4.2456



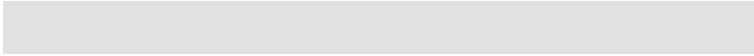
86.7133, -4.4823, 5.2851



86.7133, -4.9918, 5.1918

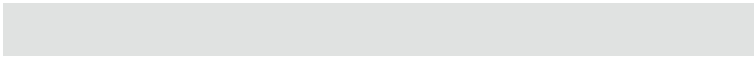
# Sweetspot

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



86.7133, -4.7805, 4.1512

100.0000, -5.3358, 5.4332



86.9917, -5.4741, 4.9733

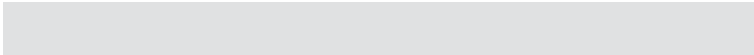


46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

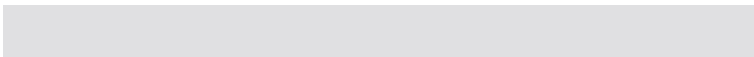
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7133, -4.7805, 4.1512



99.3539, -5.5015, 4.6674



86.4110, -4.2779, 3.8016



40.0852, -2.2146, 1.9016



31.8814, 7.7398, -56.5571



9.4002, 0.1856, -12.1502



# Inverse Universe

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



86.5549, -3.7879, 4.4705



99.1475, -4.2069, 5.0842



87.1357, -4.9792, 5.6199



40.0071, -1.7250, 2.0592



31.5185, 56.2284, 2.9085

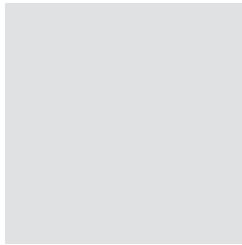


8.4063, 15.1964, -0.7725



# Previews

## White Background



This preview shows how the HunterLab color 86.7114, -4.7785, 4.1498 looks on a white background.

## Color Contrast Check

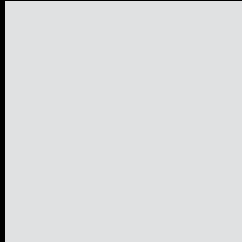
Large Text (above 18pt) WCAG AA × Fail

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 86.7114, -4.7785, 4.1498 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

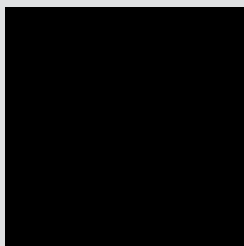
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

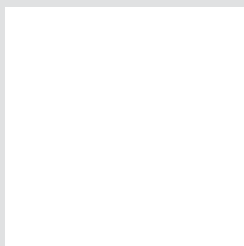
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 86.7114, -4.7785, 4.1498 Background



This preview shows how black text looks on a background with the HunterLab color 86.7114, -4.7785, 4.1498.



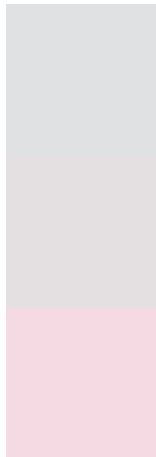
This preview shows how white text looks on a background with the HunterLab color 86.7114, -4.7785,



# 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

86.7114, -4.7785, 4.1498

### Protanopia

86.7419, -3.1383, 4.7049

### Deuteranopia

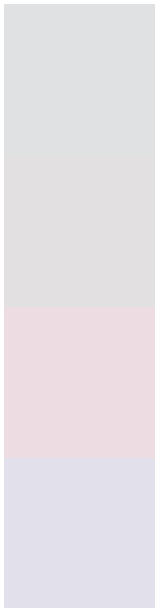
86.6610, 6.1050, 3.7870



## Tritanopia

86.7383, -0.5768, -2.9129

# Trichromacy



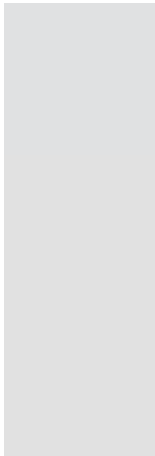
**Original Color**  
86.7114, -4.7785, 4.1498

**Protanomaly**  
86.6478, -3.4640, 4.5883

**Deuteranomaly**  
86.7545, 1.7672, 3.8223

**Tritanomaly**  
86.7854, -2.3403, -0.2603

# Monochromacy



**Original Color**  
86.7114, -4.7785, 4.1498

**Achromatopsia**  
86.7722, -4.6299, 4.7145

**Achromatomaly**  
86.7722, -4.6299, 4.7145

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.7114, -4.7785, 4.1498 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(224, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 226)  
}
```

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(224, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.7114, -4.7785, 4.1498 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(224, 225, 226) }
```

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

```
.border{ border-color:rgb(224, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
226) }
```



# Background

The CSS property to change the background color of an element to HunterLab 86.7114, -4.7785, 4.1498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 226) }
```

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

```
.background{ background-color: rgb(224,  
225, 226) }
```

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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