

# Converting Colors

HunterLab(87.5215, -7.6858,  
-0.4807)

Have a look what the booklet for  
HunterLab(87.5215, -7.6858,  
-0.4807) contains.

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# Color

**HunterLab(87.5215, -7.6858,  
-0.4807)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D7E5ED
RGB	215, 229, 237
RGB Percent	84%, 90%, 93%
CMY	0.1569, 0.1019, 0.0706
CMYK	0.09, 0.03, 0.00, 0.07
HSL	202°, 38%, 89%
HSV	202°, 9%, 93%
XYZ	71.3297, 76.6001, 91.1466
YIQ	225.7260, -10.9120, -0.4800

# Conversions

## Conversions Part 2

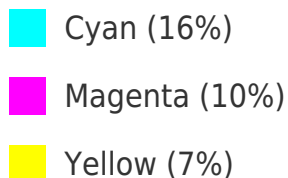
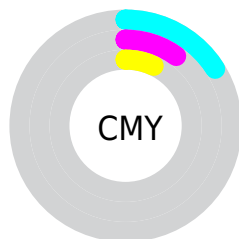
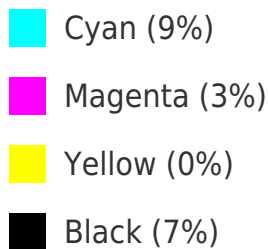
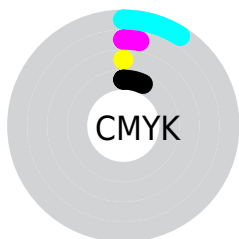
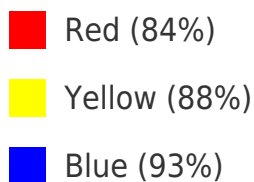
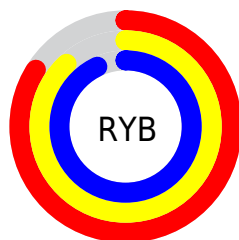
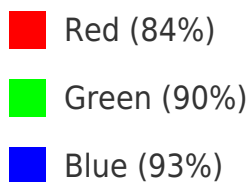
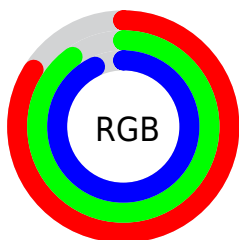
Format	Color
<a href="#">RYB</a>	<a href="#">215, 224, 237</a>
Decimal	<a href="#">14149101</a>
CIELab	<a href="#">90.14, -3.12, -5.49</a>
CIELCh	<a href="#">90, 6.316, 240.446</a>
Yxy	<a href="#">76.6034, 0.2984, 0.3204</a>
Android (android.graphics.Color)	<a href="#">4292339181</a> (0xFFD7E5ED)
YUV	<a href="#">225.7260, 5.5581, -9.4067</a>
Hunter-Lab	<a href="#">87.5215, -7.6858, -0.4807</a>

# Details

The HunterLab color **87.5215, -7.6858, -0.4807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86.9975, -1.2779, 9.7697**, and the grayscale version is **87.0702, -4.6458, 4.7307**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **64.0952, -6.4126, -1.0558** is the 20% darker color. If you saturate the color by 10%, you get **82.8383, -10.1971, -6.4798**, and if you desaturate by 10%, it is **92.3803, -4.6791, 5.4199**.


# Distribution




# Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5215, -7.6858, -0.4807 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 87.5215, -7.6858, -0.4807 by changing the saturation by 10% instead.


 87.5215, -7.6858,  
-0.4807

 87.5215, -7.6858,  
-0.4807


219.8660,  
-15.8517, 4.9368

 75.4502, -6.8952,  
-0.8988


113.3929, -9.3444,  
0.4831

 63.9898, -6.1276,  
-1.2732

127.1410,  
-10.2080, 1.0211

 53.1767, -5.3851,  
-1.5986


141.4038,  
-11.0944, 1.5943

 43.0523, -4.6680,  
-1.8705

156.1633,  
-12.0031, 2.2011

 33.6672, -3.9760,  
-2.0826

171.4034,  
-12.9335, 2.8400

 25.0849, -3.3087,  
-2.2270


187.1093,


 17.3889, -2.6636,


-13.8854, 3.5097


-2.2926


203.2676,  
-14.8583, 4.2090


 10.6965, -2.0354,  
-2.2636


 1.2393, -2.1688,  
-18.3089

 87.5215, -7.6858,  
-0.4807


 87.5215, -7.6858,  
-0.4807


 82.8383, -10.1971,  
-6.4798


 92.3803, -4.6791,  
5.4199


 78.3395, -12.1443,  
-12.5791

 96.6585, -3.7734,  
10.3479

 74.0427, -13.4604,  
-18.7689

 99.3972, -8.3016,  
13.3103

 69.9640, -14.0731,  
-25.0331

 99.4457, -8.3808,  
13.3622

■ 66.1196, -13.9114,  
-31.3469

■ 62.5247, -12.9122,  
-37.6755

■ 59.1911, -11.0317,  
-43.9757

■ 56.1239, -8.2623,  
-50.2032

■ 53.3028, -4.7017,  
-56.3590

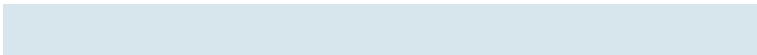
# Harmonies

## Analogous

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



87.5233, -9.9138, 1.7475



87.5215, -7.6858, -0.4807



87.5233, -4.6269, -1.2902

# Triad

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



87.5233, -7.6875, -0.4793



87.5233, 1.5603, 4.8096



87.5233, -7.7693, 9.6591

# Complementary

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



87.5215, -7.6858, -0.4807



86.9975, -1.2779, 9.7697

# Split Complementary

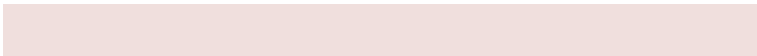
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5233, -4.7225, 10.4146



87.5215, -7.6858, -0.4807



87.5233, 0.6906, 7.6770

# Square

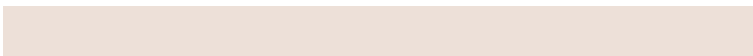
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



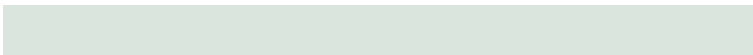
87.5233, -7.6875, -0.4793



87.5233, 0.7395, 1.8291



87.5233, -1.6206, 9.7019



87.5233, -9.9605, 7.6009

# Rectangle

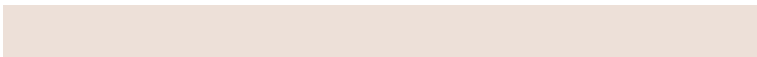
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5215, -7.6858, -0.4807



87.5233, -2.5160, -0.8968



87.5233, -1.6206, 9.7019



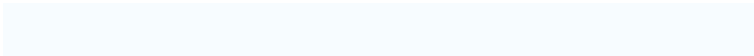
87.5233, -6.8127, 10.0705

# Sweetspot

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



87.5233, -7.6875, -0.4793



98.3954, -6.3630, 3.5117



89.6260, -14.2690, 8.9342



45.3251, -3.0673, 1.3863

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

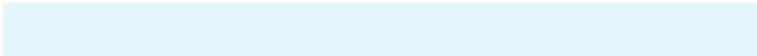


# Same Dimension

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



87.5233, -7.6875, -0.4793



94.1962, -8.8751, -1.6611



84.1792, -2.1438, -4.5991



40.1842, -3.5556, -0.2690



39.5665, -3.8079, -41.2344



11.8790, -2.3083, -9.8647



# Inverse Universe

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



85.0083, 5.2977, 0.7699



90.9678, 7.8845, -0.0099



90.3255, -6.8333, 13.3376



39.0070, 2.5255, 0.3174



33.2764, 60.7233, -7.4619

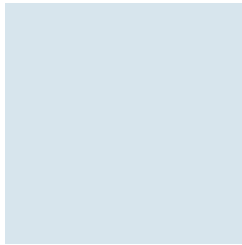


9.4227, 17.3675, -3.4532



# Previews

## White Background



This preview shows how the HunterLab color 87.5215, -7.6858, -0.4807 looks on a white background.

## Color Contrast Check

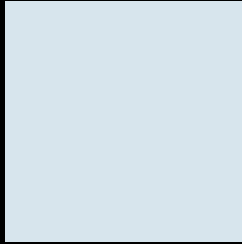
Large Text (above 18pt) WCAG AA × Fail

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 87.5215, -7.6858, -0.4807 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

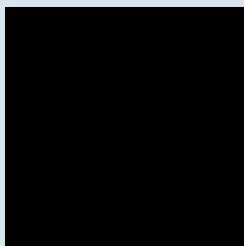
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

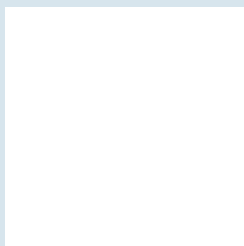
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.5215, -7.6858, -0.4807 Background



This preview shows how black text looks on a background with the HunterLab color 87.5215, -7.6858, -0.4807.



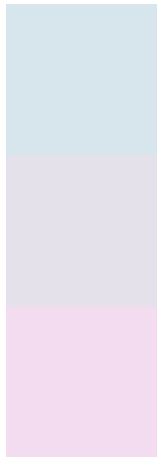
This preview shows how white text looks on a background with the HunterLab color 87.5215, -7.6858, -0.4807.

-0.4807.

# 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

87.5215, -7.6858, -0.4807

### Protanopia

87.3742, -1.9002, 0.4722

### Deuteranopia

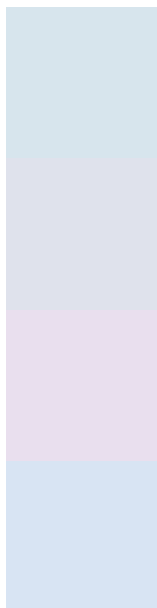
87.4489, 6.4537, -1.3675



## Tritanopia

87.6011, -5.1715, -5.1221

# Trichromacy



## Original Color

87.5215, -7.6858, -0.4807

## Protanomaly

87.2564, -3.8374, -0.2225

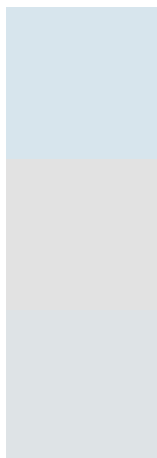
## Deuteranomaly

87.3339, 1.3246, -1.0767

## Tritanomaly

87.4967, -5.7443, -3.6440

# Monochromacy



## Original Color

87.5215, -7.6858, -0.4807

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

87.2817, -5.7487, 2.8279

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5215, -7.6858, -0.4807 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(215, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(215, 229, 237)  
}
```

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(215, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 229, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5215, -7.6858, -0.4807 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(215, 229, 237) }
```

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

```
.border{ border-color:rgb(215, 229, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 229, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(215, 229,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.5215, -7.6858, -0.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 229, 237) }
```

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

```
.background{ background-color: rgb(215,  
229, 237) }
```

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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