

# Converting Colors

HunterLab(87.5285, -2.0131,  
5.6442)

Have a look what the booklet for  
HunterLab(87.5285, -2.0131, 5.6442)  
contains.

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# Color

**HunterLab(87.5273, -2.0150,  
5.6454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9E1E1
RGB	233, 225, 225
RGB Percent	91%, 88%, 88%
CMY	0.0863, 0.1176, 0.1176
CMYK	0.00, 0.03, 0.03, 0.09
HSL	0°, 15%, 90%
HSV	0°, 3%, 91%
XYZ	74.1201, 76.6103, 82.1149
YIQ	227.3920, 4.7680, 1.6960

# Conversions

## Conversions Part 2

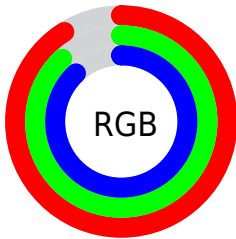
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 225, 225
Decimal	15327713
CIE Lab	90.14, 2.71, 0.96
CIE LCh	90, 2.877, 19.438
Yxy	76.6136, 0.3183, 0.3290
Android (android.graphics.Color)	4293517793 (0xFFE9E1E1)
YUV	227.3920, -1.1793, 4.9182
Hunter-Lab	87.5273, -2.0150, 5.6454

# Details

The HunterLab color  $87.5273, -2.0150, 5.6454$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $89.5363, -7.3710, 3.9934$ , and the grayscale version is  $87.8205, -4.6859, 4.7715$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.0303, -1.2073, 4.2193$  is the 20% darker color. If you saturate the color by 10%, you get  $79.8012, 6.3762, 7.9072$ , and if you desaturate by 10%, it is  $95.6221, -10.0620, 3.5291$ .

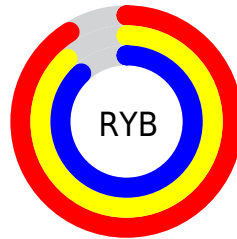
# Distribution



Red (91%)

Green (88%)

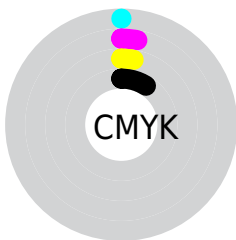
Blue (88%)



Red (91%)

Yellow (88%)

Blue (88%)

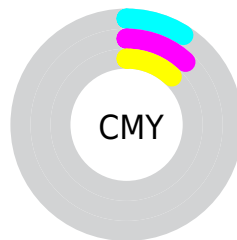


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5273, -2.0150, 5.6454 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 87.5273, -2.0150, 5.6454 by changing the saturation by 10% instead.



■ 87.5273, -2.0150,  
5.6454

■ 87.5273, -2.0150,  
5.6454

219.8740, -8.1405,  
13.1707

■ 75.4558, -1.4991,  
4.9466

113.3992, -3.1621,  
7.1353

■ 63.9951, -1.0204,  
4.2774

127.1476, -3.7849,  
7.9214

■ 53.1817, -0.5841,  
3.6406

141.4107, -4.4393,  
8.7342

■ 43.0570, -0.1941,  
3.0380

156.1704, -5.1237,  
9.5728

■ 33.6715, 0.1448,  
2.4716

171.4107, -5.8371,  
10.4364

■ 25.0887, 0.4259,  
1.9435

187.1168, -6.5783,

■ 17.3923, 0.6399,

11.3243

1.4564

203.2754, -7.3464,  
12.2359

■ 10.6994, 0.7716,  
1.0133

■ 1.2603, 9.3143,  
0.8822

■ 87.5273, -2.0150,  
5.6454

■ 87.5273, -2.0150,  
5.6454

■ 79.8012, 6.3762,  
7.9072

■ 95.6221, -10.0620,  
3.5291

■ 72.5022, 15.1452,  
10.3237

■ 98.0122, -12.3215,  
2.9484

■ 65.7137, 24.2785,  
12.8983

■ 59.5369, 33.6860,  
15.6078

■ 54.0937, 43.1377,  
18.3836

■ 49.5207, 52.1949,  
21.0882

■ 45.9501, 60.1854,  
23.5058

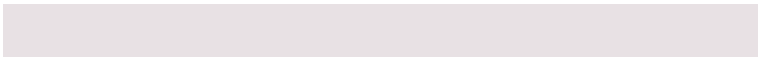
■ 43.4728, 66.3188,  
25.3780

■ 42.0862, 70.0007,  
26.5062

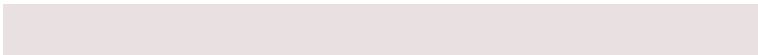
# Harmonies

## Analogous

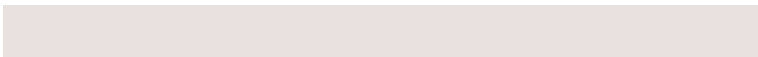
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5292, -1.9036, 4.2745



87.5273, -2.0150, 5.6454



87.5292, -2.8456, 6.7652

# Triad

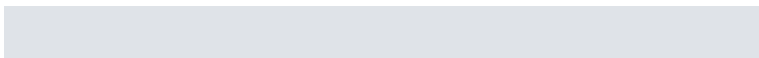
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5292, -2.0172, 5.6468



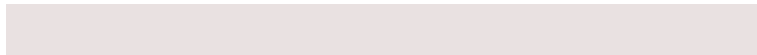
87.5292, -6.7934, 6.4800



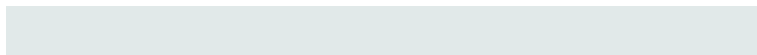
87.5292, -5.1880, 2.1036

# Complementary

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



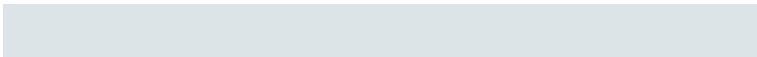
87.5273, -2.0150, 5.6454



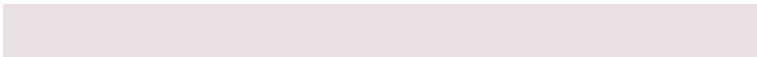
89.5363, -7.3710, 3.9934

# 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.



87.5292, -6.4895, 2.7153



87.5273, -2.0150, 5.6454



87.5292, -7.4124, 5.2516

# Square

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



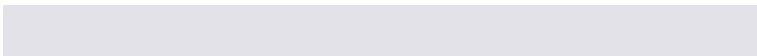
87.5292, -2.0172, 5.6468



87.5292, -5.6055, 7.2408



87.5292, -7.3015, 3.8728



87.5292, -3.7406, 2.2136

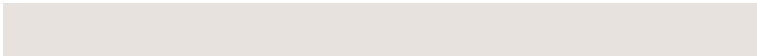


# Rectangle

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



87.5273, -2.0150, 5.6454



87.5292, -3.6888, 7.2234



87.5292, -7.3015, 3.8728



87.5292, -5.6569, 2.2320

# Sweetspot

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



87.5292, -2.0172, 5.6468



99.1067, -4.4327, 5.6720



87.7829, -0.6283, 2.0114



45.8717, -2.0715, 2.6186

0.0000, NaN, NaN

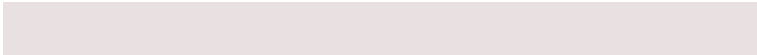


46.2646, -2.4686, 2.5136



# Same Dimension

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



87.5292, -2.0172, 5.6468



96.4506, -1.7005, 6.3978



88.7691, -4.1007, 7.0484



40.5274, -0.4429, 2.7795



31.3556, 53.6817, 20.2609



8.7889, 15.0346, 5.6789

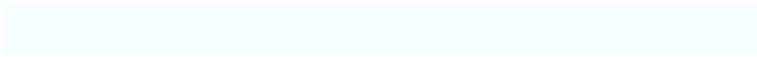


# Inverse Universe

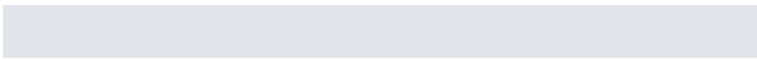
The Inverse Universe completely reimagines the original color for something new.



89.5363, -7.3710, 3.9934



99.0522, -8.6404, 4.2545



88.2783, -5.3032, 2.5270



41.8224, -3.8978, 1.7125



60.3079, -31.9528, -6.4026

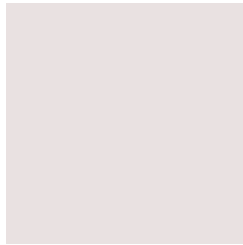


16.9008, -8.9553, -1.7926



# Previews

## White Background



This preview shows how the HunterLab color 87.5273, -2.0150, 5.6454 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

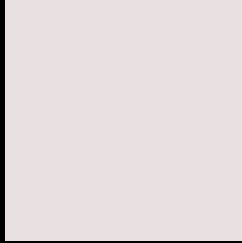
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.5273, -2.0150, 5.6454 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

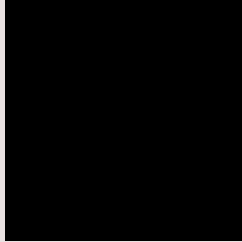
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

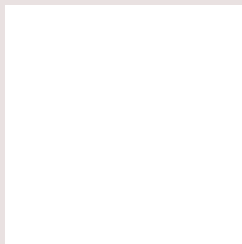
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.5273, -2.0150, 5.6454 Background



This preview shows how black text looks on a background with the HunterLab color 87.5273, -2.0150, 5.6454.



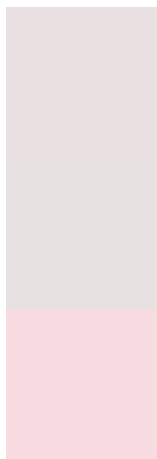
This preview shows how white text looks on a background with the HunterLab color 87.5273, -2.0150,

5.6454.

# 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

87.5273, -2.0150, 5.6454

### Protanopia

87.6458, -3.1968, 5.7630

### Deuteranopia

87.3463, 6.8013, 5.1013



## Tritanopia

87.5950, 2.3485, -1.7827

# Trichromacy



## Original Color

87.5273, -2.0150, 5.6454

## Protanomaly

87.7410, -2.8676, 5.8797

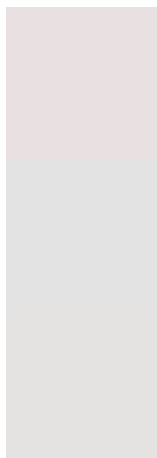
## Deuteranomaly

87.3262, 3.6441, 5.0224

## Tritanomaly

87.6367, 0.5841, 0.8371

# Monochromacy



## Original Color

87.5273, -2.0150, 5.6454

## Achromatopsia

87.6442, -4.6765, 4.7619

## Achromatomaly

87.4881, -3.6806, 5.0844

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5273, -2.0150, 5.6454 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(233, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 225)  
}
```

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(233, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 225) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5273, -2.0150, 5.6454 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(233, 225, 225) }
```



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

```
.border{ border-color:rgb(233, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 225, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 225, 225); box-shadow:4px 4px 4px 4px rgb(233, 225, 225) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.5273, -2.0150, 5.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 225) }
```

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

```
.background{ background-color: rgb(233,  
225, 225) }
```

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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