

Converting Colors

HunterLab(89.1757, -3.7245,
3.1299)

Have a look what the booklet for
HunterLab(89.1757, -3.7245, 3.1299)
contains.

HunterLab(89.1757, -3.7245, 3.1299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(89.1757, -3.7245,
3.1299)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E6EA
RGB	231, 230, 234
RGB Percent	91%, 90%, 92%
CMY	0.0941, 0.0980, 0.0823
CMYK	0.01, 0.02, 0.00, 0.08
HSL	255°, 9%, 91%
HSV	255°, 2%, 92%
XYZ	76.1031, 79.5231, 89.1803
YIQ	230.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

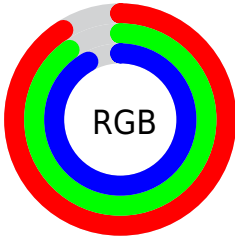
Format	Color
R_{YB}	231, 230, 234
Decimal	15197930
CIE Lab	91.47, 1.06, -1.83
CIE LCh	91, 2.113, 299.971
Yxy	79.5265, 0.3109, 0.3248
Android (android.graphics.Color)	4293388010 (0xFFE7E6EA)
YUV	230.7550, 1.5998, 0.2149
Hunter-Lab	89.1757, -3.7245, 3.1299

Details

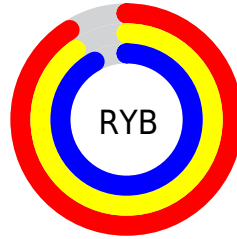
The HunterLab color $89.1757, -3.7245, 3.1299$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $90.4901, -5.8506, 6.6036$, and the grayscale version is $89.2804, -4.7638, 4.8508$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $65.5654, -2.9955, 2.2605$ is the 20% darker color. If you saturate the color by 10%, you get $80.3656, 2.9219, -7.8569$, and if you desaturate by 10%, it is $98.2386, -10.1705, 13.3754$.

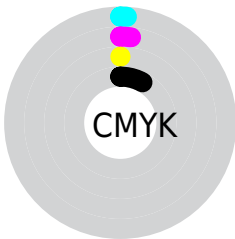
Distribution



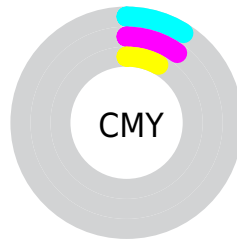
- Red (91%)
- Green (90%)
- Blue (92%)



- Red (91%)
- Yellow (90%)
- Blue (92%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.1757, -3.7245, 3.1299 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 89.1757, -3.7245, 3.1299 by changing the saturation by 10% instead.

■ 89.1757, -3.7245,
3.1299

■ 89.1757, -3.7245,
3.1299

222.1116,
-10.4597, 9.7653

■ 77.0252, -3.1267,
2.5503

115.1954, -5.0243,
4.3970

■ 65.4812, -2.5618,
2.0065

129.0132, -5.7190,
5.0782

■ 54.5795, -2.0344,
1.5026

143.3432, -6.4427,
5.7898

■ 44.3607, -1.5470,
1.0416

158.1677, -7.1942,
6.5306

■ 34.8736, -1.1032,
0.6276

173.4707, -7.9724,
7.2994

■ 26.1800, -0.7074,
0.2657

189.2377, -8.7766,

■ 18.3600, -0.3660,

8.0954

-0.0367

205.4554, -9.6060,
8.9176

■ 11.5252, -0.0880,
-0.2689

■ 4.0368, 0.9237,
-1.6596

■ 89.1757, -3.7245,
3.1299

■ 89.1757, -3.7245,
3.1299

■ 80.3656, 2.9219,
-7.8569

■ 98.2386, -10.1705,
13.3754

■ 71.8402, 9.8379,
-19.8044

■ 99.3582, -8.8630,
14.6176

■ 63.6514, 17.0972,
-32.9883

■ 55.8680, 24.7816,
-47.7516

■ 48.5862, 32.9545,
-64.4769

■ 41.9421, 41.5914,
-83.4676

■ 36.1260, 50.4209,
-104.6126

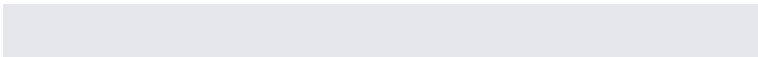
■ 31.3863, 58.6457,
-126.6819

■ 27.9865, 64.7502,
-146.5334

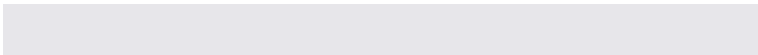
Harmonies

Analogous

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



89.1776, -4.7641, 2.8624



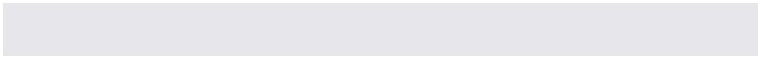
89.1757, -3.7245, 3.1299



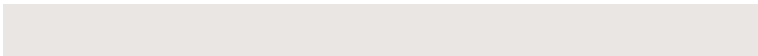
89.1776, -2.9637, 3.8631

Triad

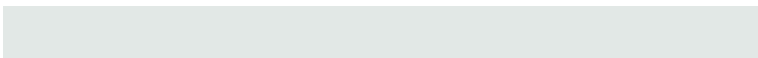
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1776, -3.7266, 3.1314



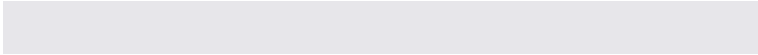
89.1776, -3.7247, 6.5423



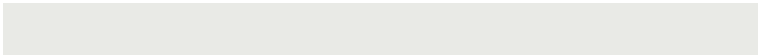
89.1776, -6.8238, 4.8552

Complementary

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



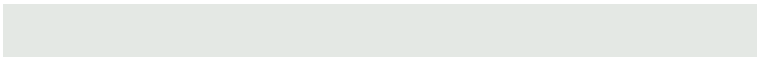
89.1757, -3.7245, 3.1299



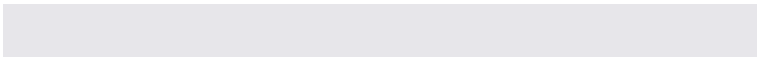
90.4901, -5.8506, 6.6036

Split Complementary

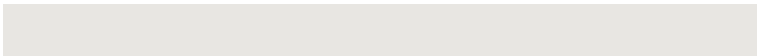
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1776, -6.5482, 5.8341



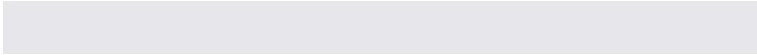
89.1757, -3.7245, 3.1299



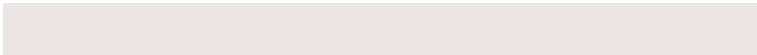
89.1776, -4.7620, 6.8011

Square

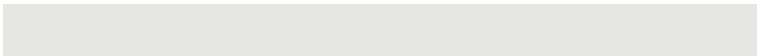
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



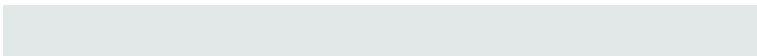
89.1776, -3.7266, 3.1314



89.1776, -2.9627, 5.8323



89.1776, -5.7949, 6.5433



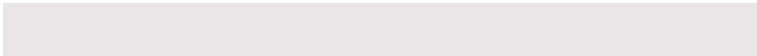
89.1776, -6.5493, 3.8648

Rectangle

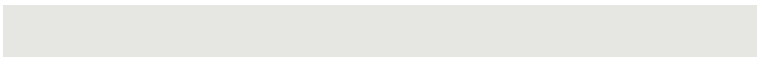
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



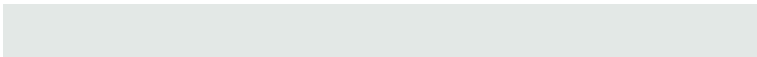
89.1757, -3.7245, 3.1299



89.1776, -2.7154, 4.5106



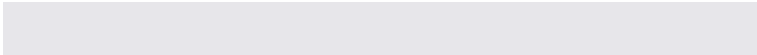
89.1776, -5.7949, 6.5433



89.1776, -6.7924, 5.1964

Sweetspot

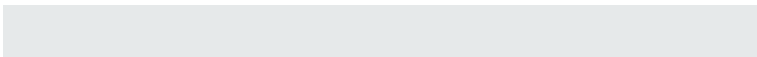
The Sweet Spot groups the original color and five complimentary colors.



89.1776, -3.7266, 3.1314



99.0063, -4.6144, 4.2705



90.0453, -5.6433, 4.1311



45.8276, -2.1514, 2.0025

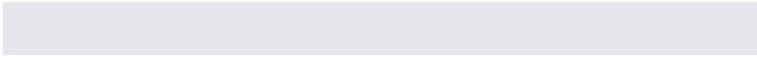
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



89.1776, -3.7266, 3.1314



98.0154, -3.8908, 3.0998



89.3589, -3.0987, 3.3591



41.5017, -1.6809, 1.3683



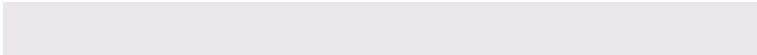
19.7460, 50.7211, -118.2888



5.9192, 14.5651, -30.5035

Inverse Universe

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



89.4276, -2.9251, 3.9401



98.3400, -2.8511, 4.1516



90.3110, -6.4763, 6.3850



41.6310, -1.2665, 1.7870



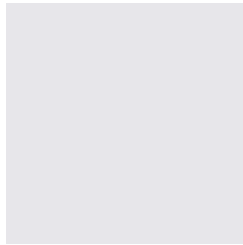
34.0664, 63.5510, -18.3845



9.6253, 18.0895, -6.2295

Previews

White Background



This preview shows how the HunterLab color 89.1757, -3.7245, 3.1299 looks on a white background.

Color Contrast Check

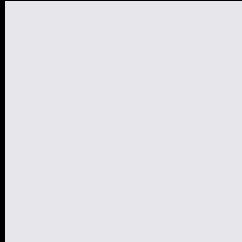
Large Text (above 18pt) WCAG AA × Fail

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 89.1757, -3.7245, 3.1299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

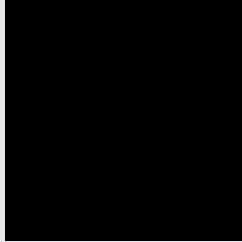
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

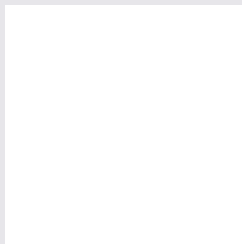
Any Text WCAG AAA ✓ Pass

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

HunterLab 89.1757, -3.7245, 3.1299 Background



This preview shows how black text looks on a background with the HunterLab color 89.1757, -3.7245, 3.1299.



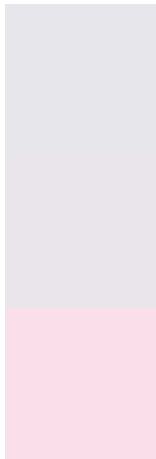
This preview shows how white text looks on a background with the HunterLab color 89.1757, -3.7245,

3.1299.

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

89.1757, -3.7245, 3.1299

Protanopia

89.0521, -2.5516, 3.0025

Deuteranopia

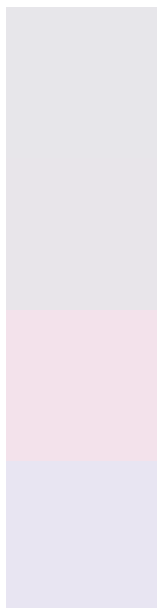
88.9368, 6.5446, 2.5199



Tritanopia

89.1427, 0.1524, -3.0584

Trichromacy



Original Color

89.1757, -3.7245, 3.1299

Protanomaly

88.9578, -2.8774, 2.8837

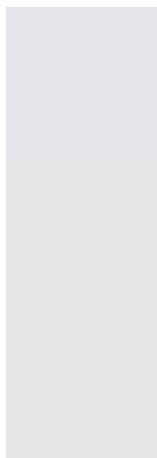
Deuteranomaly

89.1322, 2.5355, 2.6850

Tritanomaly

89.2218, -1.4391, -0.8701

Monochromacy



Original Color

89.1757, -3.7245, 3.1299

Achromatopsia

89.3925, -4.7698, 4.8569

Achromatomaly

89.4242, -4.5962, 4.4048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.1757, -3.7245, 3.1299 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(231, 230, 234)` looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 234)  
}
```

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(231, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 89.1757, -3.7245, 3.1299 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(231, 230, 234) }
```


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

```
.border{ border-color:rgb(231, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 230,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.1757, -3.7245, 3.1299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 234) }
```

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

```
.background{ background-color: rgb(231,  
230, 234) }
```

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