

Converting Colors

HunterLab(89.4941, -7.1075,
4.8622)

Have a look what the booklet for
HunterLab(89.4941, -7.1075, 4.8622)
contains.

HunterLab(89.5634, -7.4070, 5.0117)	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(89.5634, -7.4070,
5.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E9E7
RGB	226, 233, 231
RGB Percent	89%, 91%, 91%
CMY	0.1137, 0.0863, 0.0941
CMYK	0.03, 0.00, 0.01, 0.09
HSL	163°, 14%, 90%
HSV	163°, 3%, 91%
XYZ	74.9267, 80.2160, 87.1354
YIQ	230.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

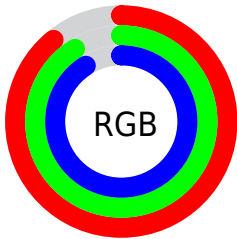
Format	Color
R _Y B	226, 230, 233
Decimal	14871015
CIE Lab	91.78, -2.69, 0.15
CIE LCh	92, 2.695, 176.857
Yxy	80.2195, 0.3093, 0.3311
Android (android.graphics.Color)	4293061095 (0xFFE2E9E7)
YUV	230.6790, 0.1583, -4.1035
Hunter-Lab	89.5634, -7.4070, 5.0117

Details

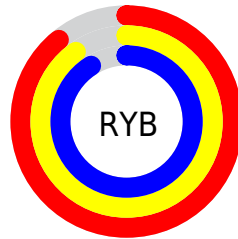
The HunterLab color $89.5634, -7.4070, 5.0117$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $87.9317, -2.0231, 4.6542$, and the grayscale version is $89.2541, -4.7624, 4.8493$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $65.7247, -5.6918, 3.8129$ is the 20% darker color. If you saturate the color by 10%, you get $87.3702, -15.6312, 5.5455$, and if you desaturate by 10%, it is $91.9944, 1.4139, 4.7434$.

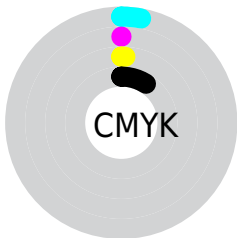
Distribution



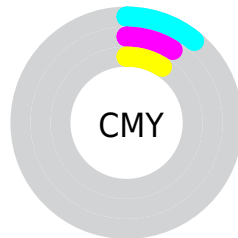
- Red (89%)
- Green (91%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.5634, -7.4070, 5.0117 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 89.5634, -7.4070, 5.0117 by changing the saturation by 10% instead.

■ 89.5634, -7.4070,
5.0117

■ 89.5634, -7.4070,
5.0117

222.6369,
-15.4569, 12.3055

■ 77.3944, -6.6327,
4.3441

115.6176, -9.0363,
6.4435

■ 65.8310, -5.8821,
3.7077

129.4517, -9.8861,
7.2023

■ 54.9088, -5.1579,
3.1059

143.7973,
-10.7592, 7.9887

■ 44.6680, -4.4605,
2.5406

158.6369,
-11.6551, 8.8018

■ 35.1573, -3.7903,
2.0146

173.9546,
-12.5733, 9.6408

■ 26.4379, -3.1473,
1.5308

189.7358,

■ 18.5892, -2.5305,

-13.5133, 10.5049

1.0933

205.9673,
-14.4746, 11.3933

■ 11.7216, -1.9368,
0.7079

■ 4.4431, -2.8764,
0.3797

■ 89.5634, -7.4070,
5.0117

■ 89.5634, -7.4070,
5.0117

■ 87.3702, -15.6312,
5.5455

■ 91.9944, 1.4139,
4.7434

■ 85.4149, -23.1787,
6.3419

■ 92.7862, 4.5317,
2.3932

■ 83.7031, -29.9836,
7.3980

■ 93.0086, 5.7257,
-0.7684

■ 82.2355, -35.9880,
8.7036

■ 93.1455, 6.4596,
-2.7118

■ 81.0097, -41.1501,
10.2417

■ 80.0190, -45.4491,
11.9889

■ 79.2522, -48.8900,
13.9152

■ 78.6925, -51.5094,
15.9844

■ 78.3161, -53.3822,
18.1540

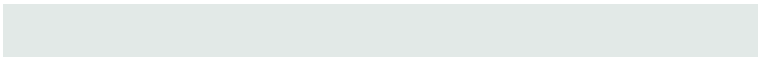
Harmonies

Analogous

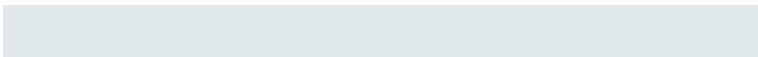
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5653, -6.9873, 6.2398



89.5634, -7.4070, 5.0117



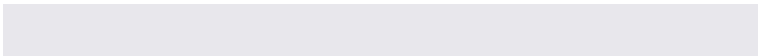
89.5653, -7.1308, 3.7314

Triad

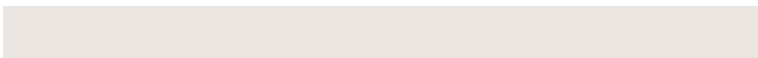
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5653, -7.4090, 5.0131



89.5653, -3.5860, 2.6018



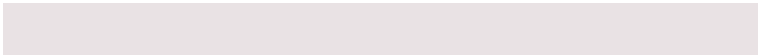
89.5653, -3.3334, 6.9561

Complementary

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



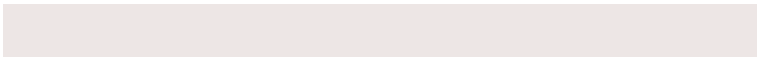
89.5634, -7.4070, 5.0117



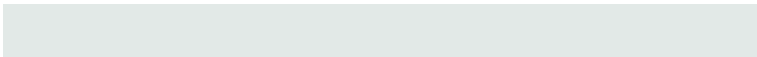
87.9317, -2.0231, 4.6542

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.



89.5653, -2.4123, 6.0043



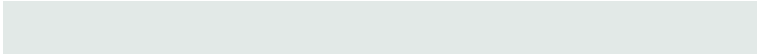
89.5634, -7.4070, 5.0117



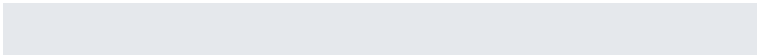
89.5653, -2.5588, 3.4890

Square

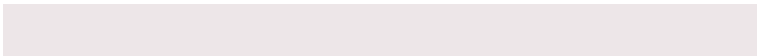
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.5653, -7.4090, 5.0131



89.5653, -4.9287, 2.3269



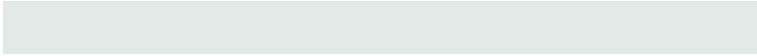
89.5653, -2.1280, 4.7372



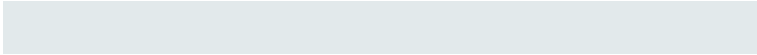
89.5653, -4.6387, 7.3509

Rectangle

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



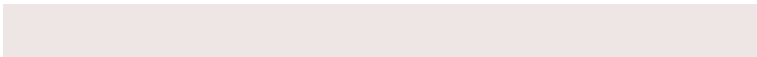
89.5634, -7.4070, 5.0117



89.5653, -6.5850, 3.0203



89.5653, -2.1280, 4.7372



89.5653, -2.9682, 6.6914

Sweetspot

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



89.5653, -7.4090, 5.0131



99.7360, -6.3024, 5.4705



89.6006, -7.5961, 7.4665



46.1485, -2.8937, 2.5300

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

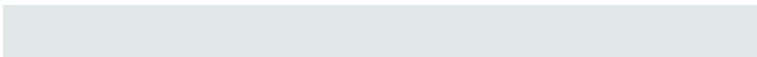
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5653, -7.4090, 5.0131



98.9596, -9.1626, 5.5999



89.1871, -6.3345, 3.5945



41.7763, -4.1583, 2.3830



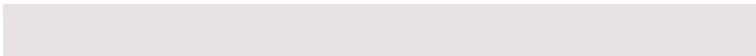
58.8725, -40.8315, 14.5580



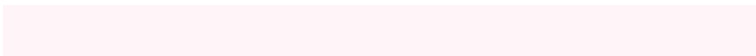
16.5471, -11.1379, 3.3612

Inverse Universe

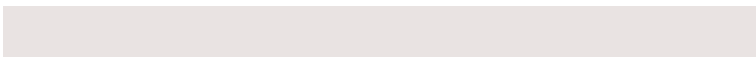
The Inverse Universe completely reimagines the original color for something new.



87.9317, -2.0231, 4.6542



96.5421, -1.1919, 5.0690



88.3029, -3.0974, 6.0459



40.5729, -0.1904, 2.1188



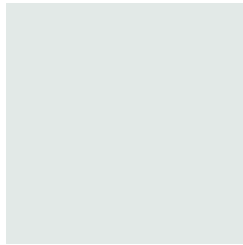
31.7426, 55.1356, 14.5008



8.9849, 15.7811, 2.7507

Previews

White Background



This preview shows how the HunterLab color 89.5634, -7.4070, 5.0117 looks on a white background.

Color Contrast Check

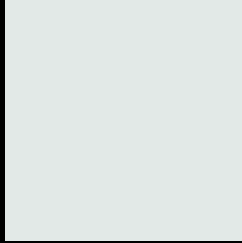
Large Text (above 18pt) WCAG AA × Fail

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 89.5634, -7.4070, 5.0117 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

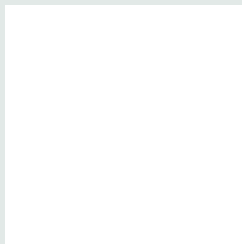
Any Text WCAG AAA ✓ Pass

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

HunterLab 89.5634, -7.4070, 5.0117 Background



This preview shows how black text looks on a background with the HunterLab color 89.5634, -7.4070, 5.0117.

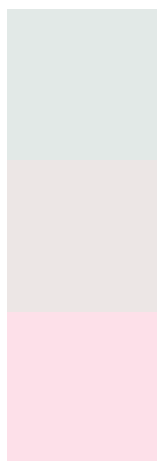


This preview shows how white text looks on a background with the HunterLab color 89.5634, -7.4070,

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

89.5634, -7.4070, 5.0117

Protanopia

89.4895, -2.9553, 5.9783

Deuteranopia

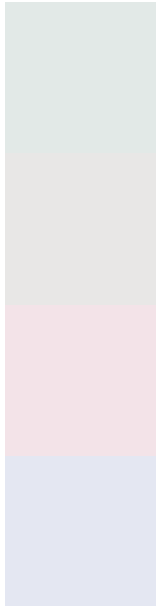
89.4858, 6.7115, 4.1807



Tritanopia

89.4937, -1.6195, -4.2581

Trichromacy



Original Color

89.5634, -7.4070, 5.0117

Protanomaly

89.4543, -4.6179, 5.4217

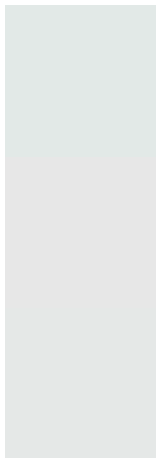
Deuteranomaly

89.3415, 1.4840, 4.4134

Tritanomaly

89.4744, -3.7686, -0.5976

Monochromacy



Original Color

89.5634, -7.4070, 5.0117

Achromatopsia

89.3925, -4.7698, 4.8569

Achromatomaly

89.5214, -5.9337, 4.9880

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.5634, -7.4070, 5.0117 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(226, 233, 231)` looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 231)  
}
```

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(226, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 89.5634, -7.4070, 5.0117 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(226, 233, 231) }
```


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

```
.border{ border-color:rgb(226, 233, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.5634, -7.4070, 5.0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 231) }
```

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

```
.background{ background-color: rgb(226,  
233, 231) }
```

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