

Converting Colors

HunterLab(87.9429, -1.6737,
7.0862)

Have a look what the booklet for
HunterLab(87.9429, -1.6737, 7.0862)
contains.

HunterLab(88.0643, -1.8748, 7.2305)	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(88.0643, -1.8748,
7.2305)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE2DF
RGB	236, 226, 223
RGB Percent	93%, 89%, 87%
CMY	0.0745, 0.1137, 0.1255
CMYK	0.00, 0.04, 0.06, 0.07
HSL	14°, 25%, 90%
HSV	14°, 6%, 93%
XYZ	75.1076, 77.5532, 80.8227
YIQ	228.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

Format	Color
R_{YB}	236, 227, 223
Decimal	15524575
CIE Lab	90.58, 2.88, 2.67
CIE LCh	91, 3.923, 42.794
Yxy	77.5566, 0.3217, 0.3322
Android (android.graphics.Color)	4293714655 (0xFFECE2DF)
YUV	228.6480, -2.7845, 6.4477
Hunter-Lab	88.0643, -1.8748, 7.2305

Details

The HunterLab color $88.0643, -1.8748, 7.2305$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89.4542, -7.4651, 2.3925$, and the grayscale version is $88.3751, -4.7155, 4.8016$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.5417, -1.0684, 5.7201$ is the 20% darker color. If you saturate the color by 10%, you get $81.8647, 3.8489, 11.2019$, and if you desaturate by 10%, it is $94.5075, -7.2707, 3.1051$.

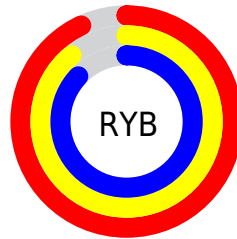
Distribution



Red (93%)

Green (89%)

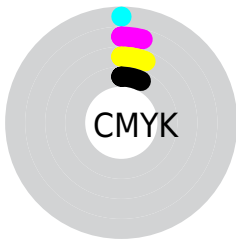
Blue (87%)



Red (93%)

Yellow (89%)

Blue (87%)

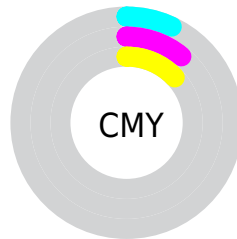


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.0643, -1.8748, 7.2305 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 88.0643, -1.8748, 7.2305 by changing the saturation by 10% instead.

88.0643, -1.8748,
7.2305

88.0643, -1.8748,
7.2305

220.6036, -7.9548,
15.3416

75.9670, -1.3650,
6.4526

113.9846, -3.0106,
8.8678

64.4790, -0.8926,
5.6999

127.7557, -3.6281,
9.7231

53.6367, -0.4629,
4.9746

142.0406, -4.2773,
10.6024

43.4812, -0.0799,
4.2771

156.8215, -4.9567,
11.5053

34.0624, 0.2516,
3.6078

172.0823, -5.6652,
12.4312

25.4433, 0.5248,
2.9667

187.8083, -6.4017,

17.7063, 0.7301,

13.3795

2.3527

203.9862, -7.1652,
14.3498

■ 10.9667, 0.8525,
1.7619

■ 2.5278, 4.8277,
1.7695

■ 88.0643, -1.8748,
7.2305

■ 88.0643, -1.8748,
7.2305

■ 81.8647, 3.8489,
11.2019

■ 94.5075, -7.2707,
3.1051

■ 75.9357, 9.9405,
14.9752

■ 98.2716, -11.4016,
3.2754

■ 70.3185, 16.4218,
18.4977

■ 65.0597, 23.2957,
21.6967

■ 60.2141, 30.5277,
24.4783

■ 55.8439, 38.0211,
26.7274

■ 52.0159, 45.5897,
28.3175

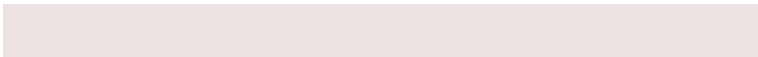
■ 48.7954, 52.9371,
29.1369

■ 46.2351, 59.6600,
29.1437

Harmonies

Analogous

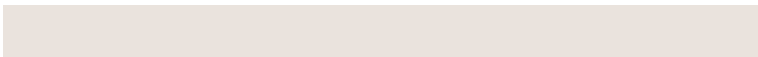
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0662, -0.9395, 5.5963



88.0643, -1.8748, 7.2305



88.0662, -3.5685, 8.2018

Triad

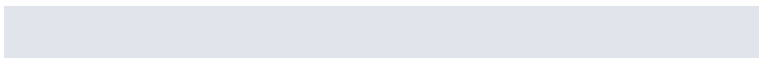
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0662, -1.8771, 7.2319



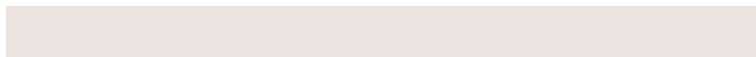
88.0662, -8.3307, 5.8641



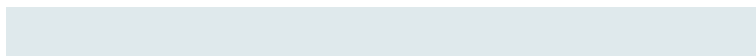
88.0662, -3.8544, 1.1681

Complementary

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



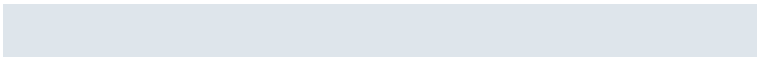
88.0643, -1.8748, 7.2305



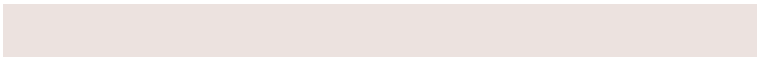
89.4542, -7.4651, 2.3925

Split Complementary

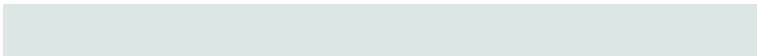
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0662, -5.8332, 1.2437



88.0643, -1.8748, 7.2305



88.0662, -8.4057, 3.9834

Square

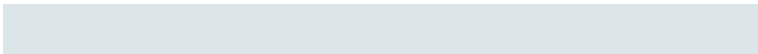
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0662, -1.8771, 7.2319



88.0662, -7.2893, 7.4242



88.0662, -7.4951, 2.2837



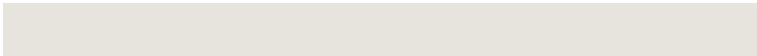
88.0662, -2.0879, 2.0795

Rectangle

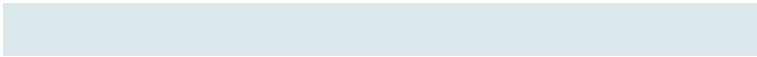
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



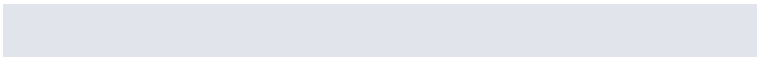
88.0643, -1.8748, 7.2305



88.0662, -4.8903, 8.3538



88.0662, -7.4951, 2.2837



88.0662, -4.5170, 1.0784

Sweetspot

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



88.0662, -1.8771, 7.2319



98.5897, -4.1499, 6.3369



87.4660, 1.4530, 1.5708



45.6443, -1.9473, 2.9111

0.0000, NaN, NaN



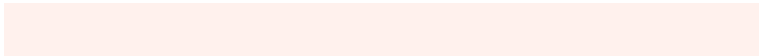
46.2646, -2.4686, 2.5136

Same Dimension

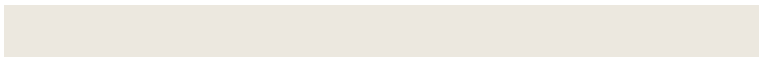
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0662, -1.8771, 7.2319



95.1087, -1.1229, 8.5676



90.0295, -5.1665, 9.4091



40.0671, -0.3347, 3.7240



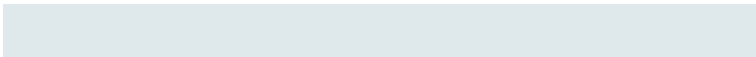
33.8737, 45.5329, 21.6700



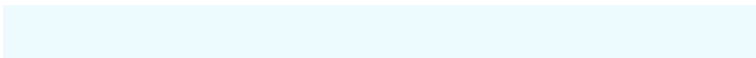
10.2176, 10.6533, 6.4826

Inverse Universe

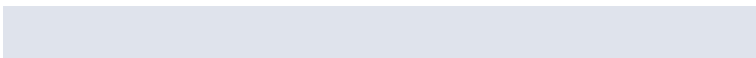
The Inverse Universe completely reimagines the original color for something new.



89.4542, -7.4651, 2.3925



97.0395, -8.8974, 1.8353



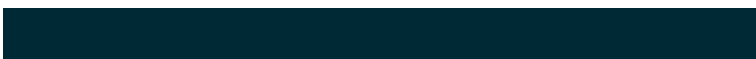
87.4702, -4.1932, 0.0342



40.9460, -3.8738, 0.6595



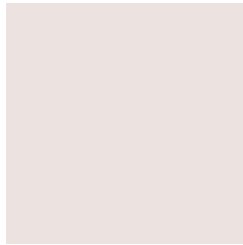
46.7598, -14.6098, -26.9073



13.6388, -4.8338, -6.6125

Previews

White Background



This preview shows how the HunterLab color 88.0643, -1.8748, 7.2305 looks on a white background.

Color Contrast Check

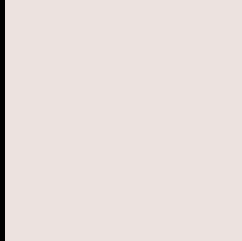
Large Text (above 18pt) WCAG AA × Fail

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 88.0643, -1.8748, 7.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

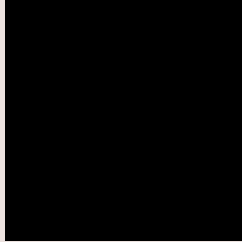
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

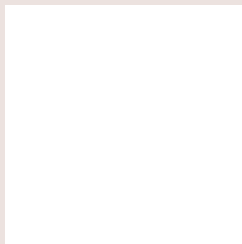
Any Text WCAG AAA ✓ Pass

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

HunterLab 88.0643, -1.8748, 7.2305 Background



This preview shows how black text looks on a background with the HunterLab color 88.0643, -1.8748, 7.2305.



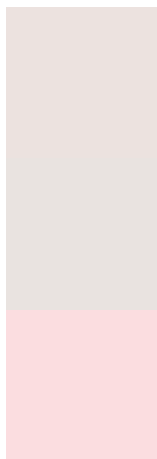
This preview shows how white text looks on a background with the HunterLab color 88.0643, -1.8748,

7.2305.

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

88.0643, -1.8748, 7.2305

Protanopia

88.1156, -3.2276, 6.7887

Deuteranopia

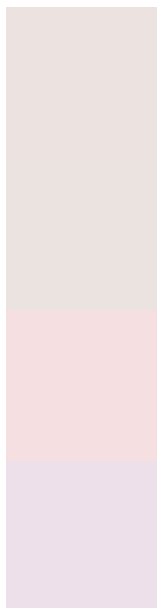
88.0931, 6.1038, 6.9261



Tritanopia

88.0210, 3.8605, -1.7498

Trichromacy



Original Color

88.0643, -1.8748, 7.2305

Protanomaly

88.2113, -2.8964, 6.9050

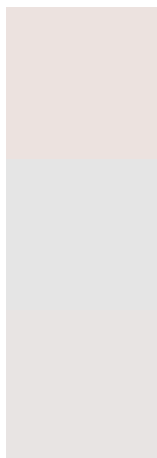
Deuteranomaly

88.1760, 3.2851, 6.9724

Tritanomaly

87.9937, 1.7366, 1.8020

Monochromacy



Original Color

88.0643, -1.8748, 7.2305

Achromatopsia

88.5177, -4.7231, 4.8093

Achromatomaly

88.4244, -3.5696, 5.6957

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 88.0643, -1.8748, 7.2305 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(236, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 223)  
}
```

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(236, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 88.0643, -1.8748, 7.2305 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(236, 226, 223) }
```


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

```
.border{ border-color:rgb(236, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 88.0643, -1.8748, 7.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 223) }
```

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

```
.background{ background-color: rgb(236,  
226, 223) }
```

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