

Converting Colors

HunterLab(67.4708, 12.2862,
-6.7680)

Have a look what the booklet for
HunterLab(67.4708, 12.2862,
-6.7680) contains.

HunterLab(67.4708, 12.2862, -6.7680)	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(67.4708, 12.2862,
-6.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	CAAAC9
RGB	202, 170, 201
RGB Percent	79%, 67%, 79%
CMY	0.2078, 0.3333, 0.2118
CMYK	0.00, 0.16, 0.00, 0.21
HSL	302°, 23%, 73%
HSV	302°, 16%, 79%
XYZ	49.2745, 45.5231, 61.4481
YIQ	183.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

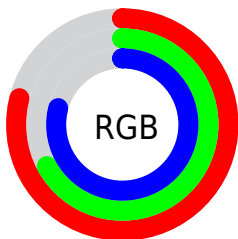
Format	Color
R _Y B	202, 170, 201
Decimal	13281993
CIE Lab	73.24, 17.03, -11.42
CIE LCh	73, 20.506, 326.150
Yxy	45.5251, 0.3154, 0.2914
Android (android.graphics.Color)	4291472073 (0xFFCAAAC9)
YUV	183.1020, 8.8237, 16.5735
Hunter-Lab	67.4708, 12.2862, -6.7680

Details

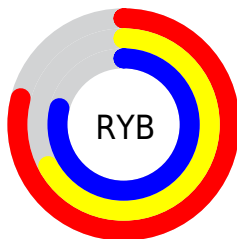
The HunterLab color $67.4708, 12.2862, -6.7680$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73.2999, -18.5676, 13.6758$, and the grayscale version is $68.8192, -3.6720, 3.7391$.

A 20% lighter version of the original color is $90.7361, 10.8181, -5.7193$, and $46.2162, 11.6529, -6.7302$ is the 20% darker color. If you saturate the color by 10%, you get $62.0440, 22.9052, -13.8025$, and if you desaturate by 10%, it is $73.2935, 1.8669, 0.1788$.

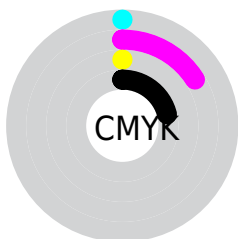
Distribution



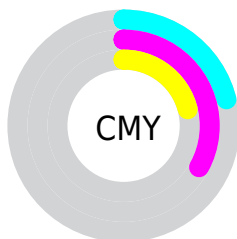
- Red (79%)
- Green (67%)
- Blue (79%)



- Red (79%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.4708, 12.2862, -6.7680 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 67.4708, 12.2862, -6.7680 by changing the saturation by 10% instead.

67.4708, 12.2862,
-6.7680

67.4708, 12.2862,
-6.7680

192.0666, 11.7691,
-3.8088

56.4546, 12.0388,
-6.8542

91.3826, 12.5578,
-6.4235

46.1120, 11.7091,
-6.8790

104.2139, 12.5987,
-6.1760

36.4918, 11.2838,
-6.8347

117.5952, 12.5824,
-5.8825

27.6529, 10.7479,
-6.7140

131.5048, 12.5132,
-5.5457

19.6718, 10.0810,
-6.5094

145.9233, 12.3944,
-5.1679

12.6531, 9.2565,
-6.2175

160.8333, 12.2291,

5.9856, 12.0781,

-4.7513

-7.7611

176.2192, 12.0199,
-4.2977

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4708, 12.2862,
-6.7680

■ 67.4708, 12.2862,
-6.7680

■ 62.0440, 22.9052,
-13.8025

■ 73.2935, 1.8669,
0.1788

■ 57.0744, 33.6087,
-20.8408

■ 79.4525, -8.2967,
6.9932

■ 52.6393, 44.1675,
-27.7232

■ 85.9038, -18.1974,
13.6641

■ 48.8208, 54.2126,
-34.1998

■ 92.6102, -27.8484,
20.1953

■ 45.6984, 63.2265,

■ 94.0447, -29.7501,

-39.9269

21.3507

■ 43.3335, 70.6042,
-44.5102

■ 94.0608, -29.6573,
21.1174

■ 41.7471, 75.8123,
-47.6113

■ 94.0771, -29.5641,
20.8832

■ 40.8930, 78.6242,
-49.1003

■ 94.0934, -29.4707,
20.6482

■ 40.6546, 79.3902,
-49.4490

■ 94.1097, -29.3769,
20.4122

Harmonies

Analogous

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



67.4723, 4.6561, -13.9059



67.4708, 12.2862, -6.7680



67.4723, 15.6522, 2.4927

Triad

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



67.4723, 12.2844, -6.7667



67.4723, -2.3699, 18.8413



67.4723, -19.2643, -4.4626

Complementary

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



67.4708, 12.2862, -6.7680



73.2999, -18.5676, 13.6758

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.



67.4723, -20.9164, 4.8318



67.4708, 12.2862, -6.7680



67.4723, -11.4845, 17.5105

Square

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



67.4723, 12.2844, -6.7667



67.4723, 6.9003, 16.5949



67.4723, -18.1455, 12.6716



67.4723, -13.5022, -12.4515

Rectangle

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



67.4708, 12.2862, -6.7680



67.4723, 14.8981, 8.3396



67.4723, -18.1455, 12.6716



67.4723, -20.3045, -1.3534

Sweetspot

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



67.4723, 12.2844, -6.7667



95.9727, 1.3967, 0.9232



64.5149, 2.5593, -11.5541



44.1435, 1.0872, 0.1322

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.4723, 12.2844, -6.7667



85.3175, 20.6866, -11.9267



66.9557, 9.5659, 0.5506



33.7601, 2.6322, -1.0820



32.6159, 63.6982, -39.7181



7.4212, 14.5135, -9.1918

Inverse Universe

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



67.4723, 12.2844, -6.7667



85.3175, 20.6866, -11.9267



73.7268, -16.1512, 7.5485



33.7601, 2.6322, -1.0820



32.6159, 63.6982, -39.7181



7.4212, 14.5135, -9.1918

Previews

White Background



This preview shows how the HunterLab color 67.4708, 12.2862, -6.7680 looks on a white background.

Color Contrast Check

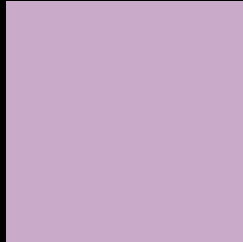
Large Text (above 18pt) WCAG AA × Fail

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 67.4708, 12.2862, -6.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

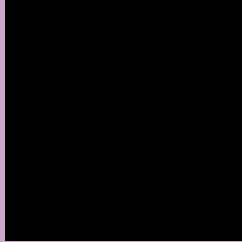
Any Text WCAG AA ✓ Pass

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 67.4708, 12.2862, -6.7680 Background



This preview shows how black text looks on a background with the HunterLab color 67.4708, 12.2862, -6.7680.



This preview shows how white text looks on a background with the HunterLab color 67.4708, 12.2862, -6.7680.

-6.7680.

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

67.4708, 12.2862, -6.7680

Protanopia

67.7194, 0.2684, -9.9505

Deuteranopia

67.4696, 4.9354, -6.3581



Tritanopia

67.6104, 7.4202, 1.0536

Trichromacy



Original Color

67.4708, 12.2862, -6.7680

Protanomaly

67.6555, 4.4249, -8.8494

Deuteranomaly

67.3756, 7.5680, -6.4369

Tritanomaly

67.5900, 9.1257, -1.4290

Monochromacy



Original Color

67.4708, 12.2862, -6.7680

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

68.1950, 2.2408, -0.2932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.4708, 12.2862, -6.7680 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(202, 170, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 170, 201)  
}
```

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(202, 170, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 170, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 67.4708, 12.2862, -6.7680 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(202, 170, 201) }
```


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

```
.border{ border-color:rgb(202, 170, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 170, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 170, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 170, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 170,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.4708, 12.2862, -6.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 170, 201) }
```

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

```
.background{ background-color: rgb(202,  
170, 201) }
```

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