

Converting Colors

CIELCh(67, 12.226, 107.147)

Have a look what the booklet for
CIELCh(67, 12.226, 107.147)
contains.

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Color

CIELCh(67, 12.088, 107.017)

Conversions

Conversions Part 1

Format	Color
Hex	A5A48E
RGB	165, 164, 142
RGB Percent	65%, 64%, 56%
CMY	0.3519, 0.3558, 0.4421
CMYK	0.00, 0.01, 0.14, 0.35
HSL	57°, 11%, 60%
HSV	57°, 14%, 65%
XYZ	33.7949, 36.6320, 30.9806
YIQ	161.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

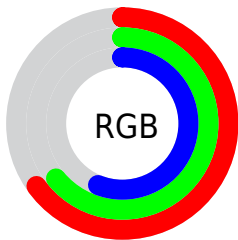
Format	Color
RYB	143, 165, 142
Decimal	10855566
CIELab	67.00, -3.54, 11.56
CIElCh	67, 12.088, 107.017
Yxy	36.6320, 0.3333, 0.3612
Android (android.graphics.Color)	4289045646 (0xFFA5A48E)
YUV	161.7910, -9.7570, 2.8143
Hunter-Lab	60.5244, -6.2488, 12.0183

Details

The CIELCh color $67, 12.088, 107.017$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 12.439, 289.901$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.980, 107.373$, and $47, 11.764, 106.435$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.722, 106.031$, and if you desaturate by 10%, it is $68, 3.403, 107.992$.

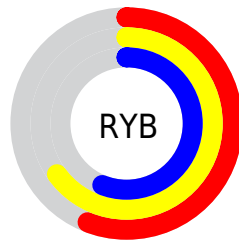
Distribution



Red (65%)

Green (64%)

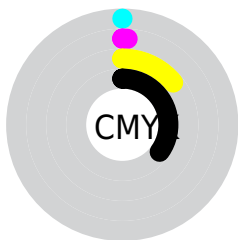
Blue (56%)



Red (56%)

Yellow (65%)

Blue (56%)

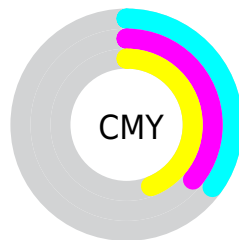


Cyan (0%)

Magenta (1%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.088, 107.017 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 CIELCh color 67, 12.088, 107.017 by changing the saturation by 10% instead.

■ 67, 12.088,
107.017

■ 67, 12.088,
107.017

■ 100, 12.088,
107.017

■ 57, 12.088,
107.017

■ 87, 12.088,
107.017

■ 47, 12.088,
107.017

■ 97, 12.088,
107.017

■ 37, 12.088,
107.017

■ 27, 12.088,
107.017

■ 17, 12.088,
107.017

■ 7, 12.088, 107.017

■ 0, 12.088, 107.017

67, 12.088,
107.017

67, 12.088,
107.017

66, 20.722,
106.031

68, 3.403, 107.992

66, 29.234,
105.039

68, 5.295, 288.988

66, 37.519,
104.065

69, 13.977,
289.911

65, 45.409,
103.130

70, 22.624,
290.806

65, 52.653,
102.260

70, 31.224,
291.662

64, 58.889,
101.485

71, 39.768,
292.478

64, 63.679,
100.835

72, 46.672,
293.060

64, 66.638,

72, 46.257,
292.737

100.328

■ 72, 45.843,
292.409

■ 64, 67.871,
100.063

Harmonies

Complementary

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



67, 12.088, 107.017



60, 12.439, 289.901

Rectangle

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



67, 12.088, 107.017



67, 12.088, 157.017



67, 12.088, 287.017



67, 12.088, 337.017

Sweetspot

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



67, 12.089, 107.024



85, 4.287, 107.978



61, 9.184, 16.273



45, 3.043, 107.911



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 12.089, 107.024



84, 18.223, 106.689



66, 13.319, 126.670



34, 4.864, 107.482



57, 61.791, 100.094



5, 7.492, 107.783

Inverse Universe

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



60, 12.439, 289.901



74, 18.881, 290.320



61, 13.600, 307.958



32, 4.960, 289.363



16, 85.836, 305.593



1, 7.635, 288.568

Previews

White Background



This preview shows how the CIELCh color 67, 12.088, 107.017 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 CIELCh color 67, 12.088, 107.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

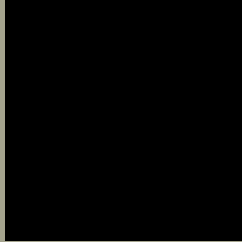
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

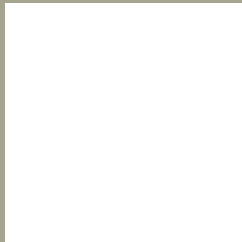
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 12.088, 107.017

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.088, 107.017.



This preview shows how white text looks on a background with the CIELCh color 67, 12.088, 107.017.

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, 12.088, 107.017

Protanopia
67, 12.504, 93.995

Deuteranopia
67, 13.821, 51.235



Tritanopia
67, 7.976, 315.777

Trichromacy



Original Color
67, 12.088, 107.017

Protanomaly
67, 12.322, 97.633

Deuteranomaly
67, 11.868, 71.481

Tritanomaly
67, 2.296, 19.406

Monochromacy



Original Color
67, 12.088, 107.017

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.402, 109.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.088, 107.017 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(165, 164, 142)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 142)  
}
```

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(165, 164, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.088, 107.017 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(165, 164, 142) }
```

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

```
.border{ border-color:rgb(165, 164, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 142);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.088, 107.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 142) }
```

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

```
.background{ background-color: rgb(165,  
164, 142) }
```

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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