

Converting Colors

CIELCh(67, 12.651, 13.120)

Have a look what the booklet for
CIELCh(67, 12.651, 13.120) contains.

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Color

CIELCh(67, 12.667, 13.129)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BB9B9E |
| RGB | 187, 155, 158 |
| RGB Percent | 73%, 61%, 62% |
| CMY | 0.2654, 0.3909, 0.3792 |
| CMYK | 0.00, 0.17, 0.15, 0.27 |
| HSL | 354°, 19%, 67% |
| HSV | 354°, 17%, 73% |
| XYZ | 38.5449, 36.6320, 37.5282 |
| YIQ | 164.9100, 18.1090, 7.7170 |

Conversions

Conversions Part 2

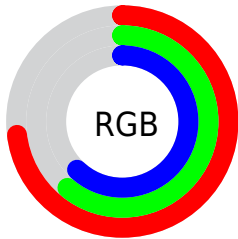
| Format | Color |
|-------------------------------------|--|
| RYB | 187, 155, 158 |
| Decimal | 12295070 |
| CIELab | 67.00, 12.34, 2.88 |
| CIElCh | 67, 12.667, 13.129 |
| Yxy | 36.6320, 0.3420, 0.3250 |
| Android (android.graphics.Color) | 4290485150 (0xFFBB9B9E) |
| YUV | 164.9100, -3.4066, 19.3729 |
| Hunter-Lab | 60.5244, 7.7599, 5.6042 |

Details

The CIELCh color $67, 12.667, 13.129$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 11.572, 190.423$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.299, 13.012$, and $47, 12.393, 12.821$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.719, 14.306$, and if you desaturate by 10%, it is $72, 5.083, 12.136$.

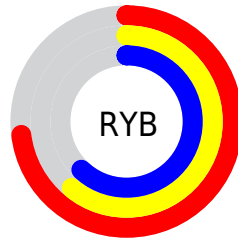
Distribution



Red (73%)

Green (61%)

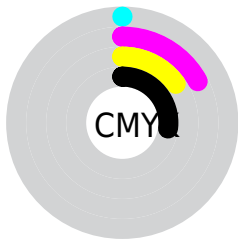
Blue (62%)



Red (73%)

Yellow (61%)

Blue (62%)

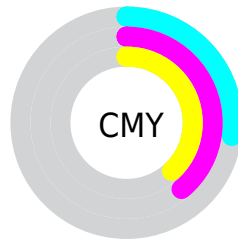


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.667, 13.129 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, 12.667, 13.129 by changing the saturation by 10% instead.

■ 67, 12.667, 13.129

■ 67, 12.667, 13.129

■ 100, 12.667,
13.129

■ 57, 12.667, 13.129

■ 87, 12.667, 13.129

■ 47, 12.667, 13.129

■ 97, 12.667, 13.129

■ 37, 12.667, 13.129

■ 27, 12.667, 13.129

■ 17, 12.667, 13.129

■ 7, 12.667, 13.129

■ 0, 12.667, 13.129

■ 67, 12.667, 13.129

■ 67, 12.667, 13.129

■ 62, 20.719, 14.306

■ 72, 5.083, 12.136

57, 29.189, 15.752

78, 2.017, 191.713

53, 37.951, 17.575

83, 8.655, 190.864

48, 46.799, 19.895

88, 14.864,
190.282

45, 55.458, 22.838

94, 20.686,
189.790

42, 63.629, 26.489

40, 71.036, 30.764

96, 21.884,
198.069

39, 77.337, 35.158

39, 78.987, 36.208

Harmonies

Complementary

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



67, 12.667, 13.129



74, 11.572, 190.423

Rectangle

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



67, 12.667, 13.129



67, 12.667, 63.129



67, 12.667, 193.129



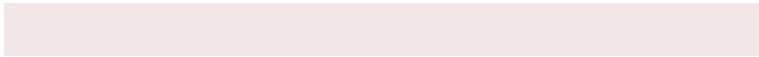
67, 12.667, 243.129

Sweetspot

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



67, 12.665, 13.136



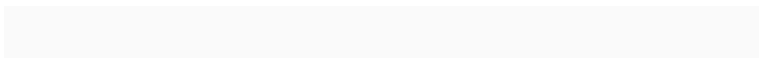
92, 4.391, 11.928



68, 20.643, 322.527



49, 3.027, 12.004



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 12.665, 13.136



82, 19.445, 13.605



70, 10.335, 62.142



37, 4.120, 12.359



33, 69.198, 35.623



3, 12.321, 14.025

Inverse Universe

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



67, 12.665, 13.136



82, 19.445, 13.605



70, 9.619, 245.971



37, 4.120, 12.359



33, 69.198, 35.623



3, 12.321, 14.025

Previews

White Background



This preview shows how the CIELCh color 67, 12.667, 13.129 looks on a white background.

Color Contrast Check

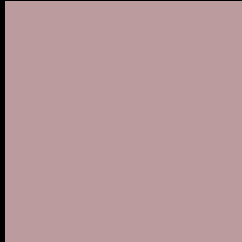
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 12.667, 13.129 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, 12.667, 13.129

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.667, 13.129.



This preview shows how white text looks on a background with the CIELCh color 67, 12.667, 13.129.

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, 12.667, 13.129

Protanopia

67, 1.527, 19.233

Deuteranopia

67, 8.994, 20.181



Tritanopia
67, 14.675, 354.139

Trichromacy



Original Color
67, 12.667, 13.129

Protanomaly
67, 5.434, 14.014

Deuteranomaly
67, 10.196, 17.232

Tritanomaly
67, 14.090, 0.243

Monochromacy



Original Color
67, 12.667, 13.129

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.744, 6.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.667, 13.129 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(187, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(187, 155, 158)  
}
```

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(187, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 155, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.667, 13.129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

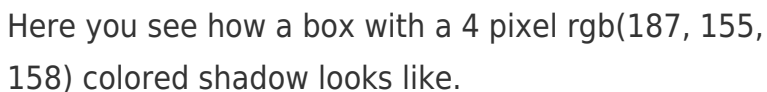
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 155, 158) }
```

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

```
.border{ border-color:rgb(187, 155, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 155, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 155, 158); box-shadow:4px 4px 4px 4px rgb(187, 155, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.667, 13.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 155, 158) }
```

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

```
.background{ background-color: rgb(187,  
155, 158) }
```

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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