

Converting Colors

CIELCh(68, 12.491, 10.521)

Have a look what the booklet for
CIELCh(68, 12.491, 10.521) contains.

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Color

CIELCh(68, 12.673, 10.646)

Conversions

Conversions Part 1

Format	Color
Hex	BE9EA2
RGB	190, 158, 162
RGB Percent	75%, 62%, 64%
CMY	0.2552, 0.3807, 0.3650
CMYK	0.00, 0.17, 0.15, 0.26
HSL	353°, 20%, 68%
HSV	353°, 17%, 74%
XYZ	39.9454, 37.9720, 39.3722
YIQ	168.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

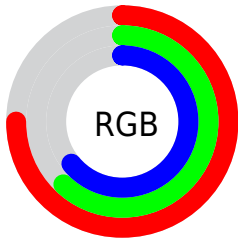
Format	Color
RYB	190, 158, 162
Decimal	12492450
CIELab	68.00, 12.45, 2.34
CIELCh	68, 12.673, 10.646
Yxy	37.9720, 0.3406, 0.3237
Android (android.graphics.Color)	4290682530 (0xFFBE9EA2)
YUV	168.0240, -2.9698, 19.2730
Hunter-Lab	61.6215, 7.8730, 5.2524

Details

The CIELCh color **68, 12.673, 10.646** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 11.669, 187.816**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 12.690, 10.918**, and **48, 12.326, 12.772** is the 20% darker color. If you saturate the color by 10%, you get **63, 20.792, 11.856**, and if you desaturate by 10%, it is **73, 4.993, 9.613**.

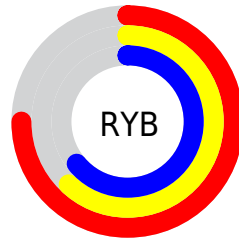
Distribution



Red (75%)

Green (62%)

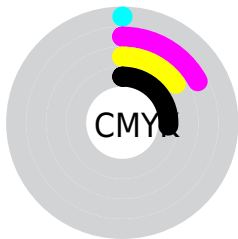
Blue (64%)



Red (75%)

Yellow (62%)

Blue (64%)

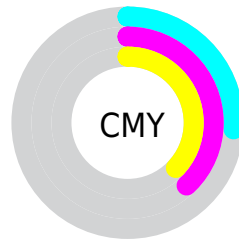


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (26%)



Cyan (26%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 12.673, 10.646 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 68, 12.673, 10.646 by changing the saturation by 10% instead.

68, 12.673, 10.646

68, 12.673, 10.646

100, 12.673,
10.646

58, 12.673, 10.646

88, 12.673, 10.646

48, 12.673, 10.646

98, 12.673, 10.646

38, 12.673, 10.646

28, 12.673, 10.646

18, 12.673, 10.646

8, 12.673, 10.646

0, 12.673, 10.646

68, 12.673, 10.646

68, 12.673, 10.646

63, 20.792, 11.856

73, 4.993, 9.613

■ 58, 29.289, 13.328

■ 79, 2.226, 189.125

■ 53, 38.027, 15.169

■ 84, 8.997, 188.255

■ 49, 46.788, 17.498

■ 90, 15.351,
187.629

■ 46, 55.282, 20.453

■ 95, 21.326,
187.094

■ 43, 63.212, 24.140

■ 41, 70.344, 28.538

■ 96, 21.123,
198.117

■ 40, 76.505, 33.269

■ 40, 78.326, 34.580

Harmonies

Complementary

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



68, 12.673, 10.646



75, 11.669, 187.816

Rectangle

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



68, 12.673, 10.646



68, 12.673, 60.646



68, 12.673, 190.646



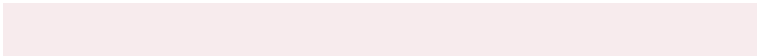
68, 12.673, 240.646

Sweetspot

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



68, 12.671, 10.653



94, 4.496, 9.422



68, 20.385, 321.541



50, 3.099, 9.501



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 12.671, 10.653



84, 18.841, 11.047



71, 10.243, 58.274



37, 4.144, 9.869



33, 67.860, 33.872



3, 12.369, 12.246

Inverse Universe

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



68, 12.671, 10.653



84, 18.841, 11.047



71, 9.461, 241.696



37, 4.144, 9.869



33, 67.860, 33.872



3, 12.369, 12.246

Previews

White Background



This preview shows how the CIELCh color 68, 12.673, 10.646 looks on a white background.

Color Contrast Check

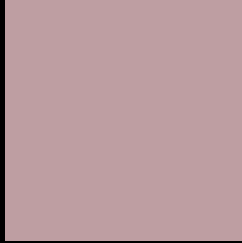
Large Text (above 18pt) WCAG AA × Fail

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 68, 12.673, 10.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

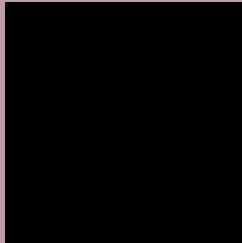
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 12.673, 10.646

Background



This preview shows how black text looks on a background with the CIELCh color 68, 12.673, 10.646.



This preview shows how white text looks on a background with the CIELCh color 68, 12.673, 10.646.

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

68, 12.673, 10.646

Protanopia

68, 1.624, 359.462

Deuteranopia

68, 9.364, 16.870



Tritanopia
68, 14.626, 354.109

Trichromacy



Original Color
68, 12.673, 10.646

Protanomaly
68, 5.996, 3.951

Deuteranomaly
68, 10.587, 14.422

Tritanomaly
68, 14.041, 0.212

Monochromacy



Original Color
68, 12.673, 10.646

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 4.727, 6.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 12.673, 10.646 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(190, 158, 162)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 162)  
}
```

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(190, 158, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 12.673, 10.646 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(190, 158, 162) }
```

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

```
.border{ border-color:rgb(190, 158, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 158, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 162);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 12.673, 10.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 162) }
```

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

```
.background{ background-color: rgb(190,  
158, 162) }
```

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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