

Converting Colors

CIELCh(68, 10.371, 321.656)

Have a look what the booklet for
CIELCh(68, 10.371, 321.656)
contains.

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Color

CIELCh(68, 10.495, 323.188)

Conversions

Conversions Part 1

Format	Color
Hex	B0A1B1
RGB	176, 161, 177
RGB Percent	69%, 63%, 69%
CMY	0.3092, 0.3680, 0.3053
CMYK	0.01, 0.09, 0.00, 0.31
HSL	296°, 9%, 66%
HSV	296°, 9%, 69%
XYZ	38.6627, 37.9720, 46.9680
YIQ	167.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

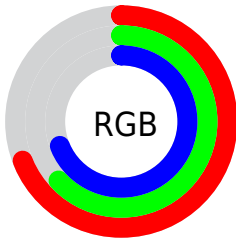
Format	Color
RYB	176, 161, 177
Decimal	11575729
CIELab	68.00, 8.40, -6.29
CIELCh	68, 10.495, 323.188
Yxy	37.9720, 0.3128, 0.3072
Android (android.graphics.Color)	4289765809 (0xFFB0A1B1)
YUV	167.3090, 4.7777, 7.6220
Hunter-Lab	61.6215, 4.1574, -2.0560

Details

The CIELCh color **68, 10.495, 323.188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 10.465, 142.298**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 10.593, 323.205**, and **48, 10.504, 323.210** is the 20% darker color. If you saturate the color by 10%, you get **63, 22.225, 323.700**, and if you desaturate by 10%, it is **73, 1.107, 142.912**.

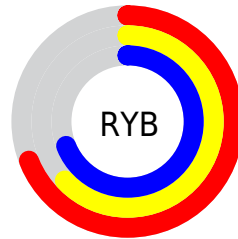
Distribution



Red (69%)

Green (63%)

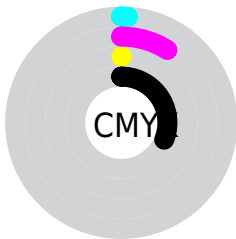
Blue (69%)



Red (69%)

Yellow (63%)

Blue (69%)

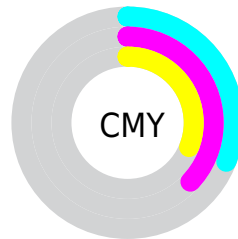


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 10.495, 323.188 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, 10.495, 323.188 by changing the saturation by 10% instead.

 68, 10.495,
323.188


 68, 10.495,
323.188


 100, 10.495,
323.188

 58, 10.495,
323.188


 88, 10.495,
323.188

 48, 10.495,
323.188

 98, 10.495,
323.188

 38, 10.495,
323.188

 28, 10.495,
323.188

 18, 10.495,
323.188

 8, 10.495, 323.188

 0, 10.495, 323.188

68, 10.495,
323.188

68, 10.495,
323.188

63, 22.225,
323.700

73, 1.107, 142.912

59, 33.932,
324.196

78, 12.474,
142.243

55, 45.383,
324.665

82, 23.552,
141.767

51, 56.260,
325.089

87, 34.310,
141.320

48, 66.157,
325.446

92, 44.737,
140.900

45, 74.614,
325.712

94, 47.620,
140.534

43, 81.192,
325.867

94, 47.405,
140.179

41, 85.592,

94, 47.191,
139.819

325.893

■ 94, 46.978,
139.454

■ 40, 88.032,
325.805

Harmonies

Complementary

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



68, 10.495, 323.188



71, 10.465, 142.298

Rectangle

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



68, 10.495, 323.188



68, 10.495, 13.188



68, 10.495, 143.188



68, 10.495, 193.188

Sweetspot

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



68, 10.493, 323.188



89, 4.287, 322.847



67, 8.258, 288.332



47, 3.247, 322.900



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 10.493, 323.188



85, 15.795, 323.300



68, 7.887, 340.878



35, 6.622, 323.203



34, 79.199, 325.823



2, 15.783, 321.879

Inverse Universe

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



68, 6.204, 14.827



84, 9.398, 15.025



71, 7.816, 159.568



35, 3.919, 14.854



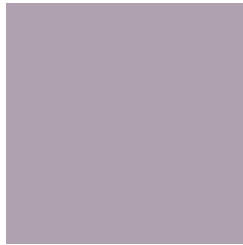
31, 68.644, 36.968



2, 9.187, 15.394

Previews

White Background



This preview shows how the CIELCh color 68, 10.495, 323.188 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, 10.495, 323.188 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, 10.495, 323.188

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.495, 323.188.



This preview shows how white text looks on a background with the CIELCh color 68, 10.495, 323.188.

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, 10.495, 323.188

Protanopia

68, 7.716, 290.970

Deuteranopia

68, 10.700, 324.908



Tritanopia
68, 8.487, 329.045

Trichromacy



Original Color
68, 10.495, 323.188

Protanomaly
68, 7.963, 304.338

Deuteranomaly
68, 10.700, 324.908

Tritanomaly
68, 8.920, 326.840

Monochromacy



Original Color
68, 10.495, 323.188

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.825, 319.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.495, 323.188 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(176, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 177)  
}
```

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(176, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.495, 323.188 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(176, 161, 177) }
```

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

```
.border{ border-color:rgb(176, 161, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 177);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.495, 323.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 177) }
```

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

```
.background{ background-color: rgb(176,  
161, 177) }
```

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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