

Converting Colors

CIELCh(68, 19.258, 93.357)

Have a look what the booklet for
CIELCh(68, 19.258, 93.357) contains.

CIELCh(68, 19.258, 93.357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 19.258, 93.357)

Conversions

Conversions Part 1

Format	Color
Hex	B1A583
RGB	177, 165, 131
RGB Percent	69%, 65%, 51%
CMY	0.3053, 0.3523, 0.4857
CMYK	0.00, 0.07, 0.26, 0.31
HSL	44°, 23%, 60%
HSV	44°, 26%, 69%
XYZ	35.7551, 37.9720, 26.9691
YIQ	164.7120, 18.0660, -8.0300

Conversions

Conversions Part 2

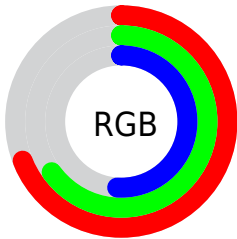
Format	Color
RYB	147, 177, 131
Decimal	11642243
CIELab	68.00, -1.13, 19.22
CIELCh	68, 19.258, 93.357
Yxy	37.9720, 0.3551, 0.3771
Android (android.graphics.Color)	4289832323 (0xFFB1A583)
YUV	164.7120, -16.6200, 10.7766
Hunter-Lab	61.6215, -4.2651, 17.1863

Details

The CIELCh color **68, 19.258, 93.357** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 19.547, 280.158**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 19.352, 93.612**, and **48, 19.368, 92.753** is the 20% darker color. If you saturate the color by 10%, you get **66, 26.793, 92.096**, and if you desaturate by 10%, it is **70, 11.772, 94.593**.

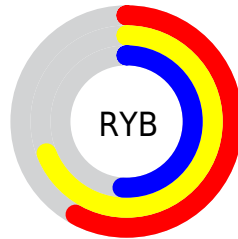
Distribution



Red (69%)

Green (65%)

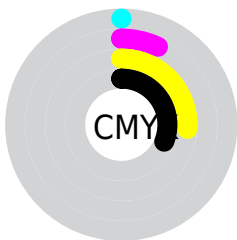
Blue (51%)



Red (58%)

Yellow (69%)

Blue (51%)

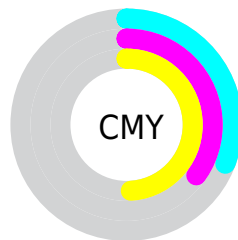


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 19.258, 93.357 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, 19.258, 93.357 by changing the saturation by 10% instead.

■ 68, 19.258, 93.357

■ 68, 19.258, 93.357

■ 100, 19.258,
93.357

■ 58, 19.258, 93.357

■ 88, 19.258, 93.357

■ 48, 19.258, 93.357

■ 98, 19.258, 93.357

■ 38, 19.258, 93.357

■ 28, 19.258, 93.357

■ 18, 19.258, 93.357

■ 8, 19.258, 93.357

■ 0, 19.258, 93.357

■ 68, 19.258, 93.357

■ 68, 19.258, 93.357

■ 66, 26.793, 92.096

■ 70, 11.772, 94.593

65, 34.303, 90.796

71, 4.366, 95.765

63, 41.660, 89.463

73, 2.940, 277.019

62, 48.632, 88.088

75, 10.144,
278.084

61, 54.835, 86.641

76, 17.244,
279.135

59, 59.704, 85.060

58, 62.649, 83.246

78, 24.244,
280.141

58, 63.597, 82.497

80, 31.071,
281.055

81, 28.876,
276.891

82, 26.854,
272.113

Harmonies

Complementary

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



68, 19.258, 93.357



60, 19.547, 280.158

Rectangle

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



68, 19.258, 93.357



68, 19.258, 143.357



68, 19.258, 273.357



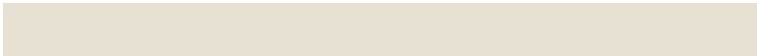
68, 19.258, 323.357

Sweetspot

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



68, 19.259, 93.363



89, 7.236, 95.520



60, 19.583, 1.064



47, 5.143, 95.348



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, 19.259, 93.363



85, 28.452, 92.663



70, 25.213, 117.615



37, 4.180, 95.382



50, 57.133, 82.770



6, 9.119, 89.151

Inverse Universe

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



60, 19.547, 280.158



72, 28.997, 281.144



57, 26.626, 301.205



35, 4.208, 277.673



23, 73.211, 299.692



2, 10.769, 280.320

Previews

White Background



This preview shows how the CIELCh color 68, 19.258, 93.357 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, 19.258, 93.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

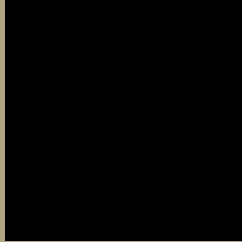
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 19.258, 93.357

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.258, 93.357.



This preview shows how white text looks on a background with the CIELCh color 68, 19.258, 93.357.

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, 19.258, 93.357

Protanopia

68, 19.153, 94.556

Deuteranopia

68, 20.688, 65.413



Tritanopia
68, 10.668, 342.214

Trichromacy



Original Color
68, 19.258, 93.357

Protanomaly
68, 19.153, 94.556

Deuteranomaly
68, 19.336, 74.595

Tritanomaly
68, 7.565, 41.123

Monochromacy



Original Color
68, 19.258, 93.357

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.759, 96.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.258, 93.357 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(177, 165, 131)` looks like.

```
.text, #text, p{  
    color:rgb(177, 165, 131)  
}
```

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(177, 165, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 165, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.258, 93.357 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(177, 165, 131) }
```

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

```
.border{ border-color:rgb(177, 165, 131) }
```

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

Here you see how a box with a 4 pixel rgb(177, 165, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 165, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 165, 131);  
box-shadow:4px 4px 4px 4px rgb(177, 165,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.258, 93.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 165, 131) }
```

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

```
.background{ background-color: rgb(177,  
165, 131) }
```

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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