

Converting Colors

CIELCh(68, 39.650, 95.667)

Have a look what the booklet for
CIELCh(68, 39.650, 95.667) contains.

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Color

CIELCh(68, 39.873, 95.946)

Conversions

Conversions Part 1

Format	Color
Hex	B6A65D
RGB	182, 166, 93
RGB Percent	71%, 65%, 36%
CMY	0.2866, 0.3493, 0.6355
CMYK	0.00, 0.09, 0.49, 0.29
HSL	49°, 38%, 54%
HSV	49°, 49%, 71%
XYZ	34.8701, 37.9720, 15.8320
YIQ	162.4620, 32.9690, -19.3110

Conversions

Conversions Part 2

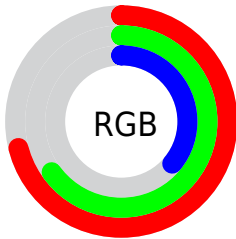
Format	Color
RYB	113, 182, 93
Decimal	11970141
CIELab	68.00, -4.13, 39.66
CIELCh	68, 39.873, 95.946
Yxy	37.9720, 0.3932, 0.4282
Android (android.graphics.Color)	4290160221 (0xFFB6A65D)
YUV	162.4620, -34.2448, 17.1348
Hunter-Lab	61.6215, -6.8286, 27.9021

Details

The CIELCh color **68, 39.873, 95.946** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48, 43.067, 289.482**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 39.770, 96.270**, and **48, 39.700, 95.723** is the 20% darker color. If you saturate the color by 10%, you get **67, 47.522, 94.753**, and if you desaturate by 10%, it is **69, 31.872, 97.140**.

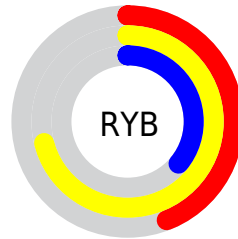
Distribution



Red (71%)

Green (65%)

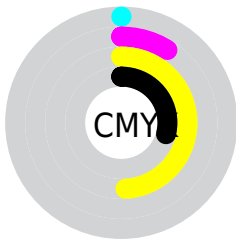
Blue (36%)



Red (44%)

Yellow (71%)

Blue (36%)

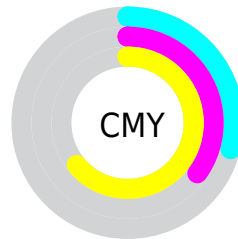


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 39.873, 95.946 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, 39.873, 95.946 by changing the saturation by 10% instead.

68, 39.873, 95.946

68, 39.873, 95.946

100, 39.873,
95.946

58, 39.873, 95.946

88, 39.873, 95.946

48, 39.873, 95.946

98, 39.873, 95.946

38, 39.873, 95.946

28, 39.873, 95.946

18, 39.873, 95.946

8, 39.873, 95.946

0, 39.873, 95.946

68, 39.873, 95.946

68, 39.873, 95.946

67, 47.522, 94.753

69, 31.872, 97.140

66, 54.508, 93.554

70, 23.704, 98.319

65, 60.367, 92.344

72, 15.484, 99.475

64, 64.515, 91.095

73, 7.273, 100.597

63, 66.740, 89.774

74, 0.891, 281.866

63, 66.959, 89.632

76, 8.991, 282.786

77, 17.016,
283.794

78, 24.963,
284.759

80, 31.955,
285.372

Harmonies

Complementary

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



68, 39.873, 95.946



48, 43.067, 289.482

Rectangle

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



68, 39.873, 95.946



68, 39.873, 145.946



68, 39.873, 275.946



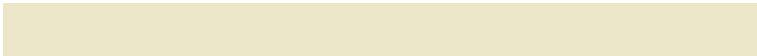
68, 39.873, 325.946

Sweetspot

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



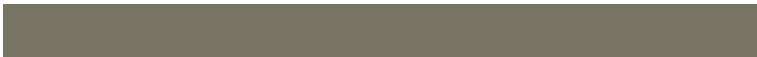
68, 39.874, 95.949



91, 15.215, 99.891



51, 38.363, 11.130



49, 10.471, 99.653



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 39.874, 95.949



85, 58.936, 94.623



70, 48.204, 119.757



38, 4.657, 100.550



54, 59.710, 89.814



8, 11.693, 96.291

Inverse Universe

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



48, 43.067, 289.482



55, 65.711, 292.184



46, 53.469, 305.948



36, 4.717, 282.699



21, 81.733, 302.745



2, 13.380, 284.357

Previews

White Background



This preview shows how the CIELCh color 68, 39.873, 95.946 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 68, 39.873, 95.946 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, 39.873, 95.946

Background



This preview shows how black text looks on a background with the CIELCh color 68, 39.873, 95.946.



This preview shows how white text looks on a background with the CIELCh color 68, 39.873, 95.946.

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, 39.873, 95.946

Protanopia

68, 39.873, 95.946

Deuteranopia

68, 39.893, 77.269



Tritanopia
68, 14.280, 353.357

Trichromacy



Original Color
68, 39.873, 95.946

Protanomaly
68, 39.873, 95.946

Deuteranomaly
68, 39.543, 84.002

Tritanomaly
68, 15.254, 62.889

Monochromacy



Original Color
68, 39.873, 95.946

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 14.481, 99.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 39.873, 95.946 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(182, 166, 93)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 93)  
}
```

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(182, 166, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 39.873, 95.946 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(182, 166, 93) }
```

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

```
.border{ border-color:rgb(182, 166, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 93);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 39.873, 95.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 93) }
```

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

```
.background{ background-color: rgb(182,  
166, 93) }
```

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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