

Converting Colors

CIELCh(68, 36.844, 95.516)

Have a look what the booklet for
CIELCh(68, 36.844, 95.516) contains.

CIELCh(68, 36.843, 95.512)	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, 36.843, 95.512)

Conversions

Conversions Part 1

Format	Color
Hex	B6A663
RGB	182, 166, 99
RGB Percent	71%, 65%, 39%
CMY	0.2875, 0.3501, 0.6128
CMYK	0.00, 0.09, 0.46, 0.29
HSL	48°, 36%, 55%
HSV	48°, 46%, 71%
XYZ	35.0433, 37.9720, 17.2191
YIQ	163.1460, 31.0430, -17.4450

Conversions

Conversions Part 2

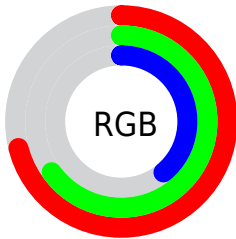
Format	Color
RYB	119, 182, 99
Decimal	11970147
CIELab	68.00, -3.54, 36.67
CIELCh	68, 36.843, 95.512
Yxy	37.9720, 0.3884, 0.4208
Android (android.graphics.Color)	4290160227 (0xFFB6A663)
YUV	163.1460, -31.6240, 16.5350
Hunter-Lab	61.6215, -6.3270, 26.5675

Details

The CIELCh color **68, 36.843, 95.512** is a light color, and the websafe version is hex **999966**. A complement of this color would be **50, 39.289, 288.073**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 36.808, 95.743**, and **48, 36.780, 95.470** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.578, 94.297**, and if you desaturate by 10%, it is **69, 28.848, 96.723**.

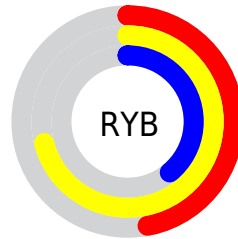
Distribution



Red (71%)

Green (65%)

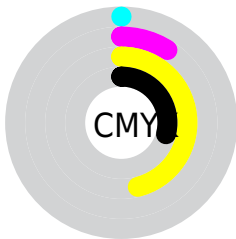
Blue (39%)



Red (47%)

Yellow (71%)

Blue (39%)

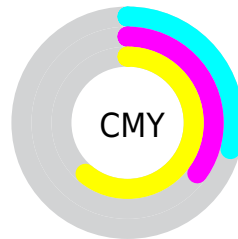


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 36.843, 95.512 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, 36.843, 95.512 by changing the saturation by 10% instead.

 68, 36.843, 95.512

 68, 36.843, 95.512

 100, 36.843,
95.512

 58, 36.843, 95.512

 88, 36.843, 95.512

 48, 36.843, 95.512

 98, 36.843, 95.512

 38, 36.843, 95.512

 28, 36.843, 95.512

 18, 36.843, 95.512

 8, 36.843, 95.512

 0, 36.843, 95.512

 68, 36.843, 95.512

 68, 36.843, 95.512

 67, 44.578, 94.297

 69, 28.848, 96.723

66, 51.791, 93.068

70, 20.746, 97.911

65, 58.074, 91.821

72, 12.628, 99.073

64, 62.865, 90.531

73, 4.543, 100.186

63, 65.618, 89.145

75, 3.481, 281.355

62, 66.483, 88.532

76, 11.431,
282.381

77, 19.301,
283.385

79, 27.088,
284.344

80, 31.005,
283.804

Harmonies

Complementary

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



68, 36.843, 95.512



50, 39.289, 288.073

Rectangle

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



68, 36.843, 95.512



68, 36.843, 145.512



68, 36.843, 275.512



68, 36.843, 325.512

Sweetspot

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



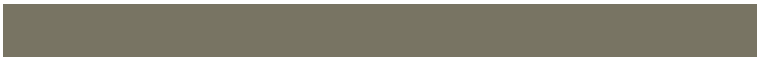
68, 36.844, 95.516



91, 14.009, 99.235



52, 35.674, 9.191



49, 9.757, 98.989



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, 36.844, 95.516



85, 54.677, 94.263



70, 45.001, 119.222



38, 4.595, 99.785



54, 59.341, 88.728



8, 11.479, 95.085

Inverse Universe

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



50, 39.289, 288.073



58, 59.805, 290.488



48, 49.615, 305.157



36, 4.649, 281.958



21, 80.627, 302.335



2, 13.243, 283.862

Previews

White Background



This preview shows how the CIELCh color 68, 36.843, 95.512 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, 36.843, 95.512 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, 36.843, 95.512

Background



This preview shows how black text looks on a background with the CIELCh color 68, 36.843, 95.512.



This preview shows how white text looks on a background with the CIELCh color 68, 36.843, 95.512.

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, 36.843, 95.512

Protanopia

68, 36.755, 96.179

Deuteranopia

68, 37.299, 76.316



Tritanopia
68, 14.183, 350.590

Trichromacy



Original Color
68, 36.843, 95.512

Protanomaly
68, 36.755, 96.179

Deuteranomaly
68, 36.423, 83.266

Tritanomaly
68, 13.780, 59.434

Monochromacy



Original Color
68, 36.843, 95.512

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.386, 98.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 36.843, 95.512 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 36.843, 95.512 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, 99) }
```

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

```
.border{ border-color:rgb(182, 166, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 99);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 36.843, 95.512 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, 99) }
```

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

```
.background{ background-color: rgb(182,  
166, 99) }
```

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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