

Converting Colors

CIELCh(68, 29.877, 95.188)

Have a look what the booklet for
CIELCh(68, 29.877, 95.188) contains.

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Color

CIELCh(68, 29.956, 95.621)

Conversions

Conversions Part 1

Format	Color
Hex	B4A670
RGB	180, 166, 112
RGB Percent	71%, 65%, 44%
CMY	0.2955, 0.3503, 0.5620
CMYK	0.00, 0.08, 0.38, 0.30
HSL	48°, 31%, 57%
HSV	48°, 38%, 70%
XYZ	35.2209, 37.9720, 20.7081
YIQ	164.0300, 25.6780, -13.8260

Conversions

Conversions Part 2

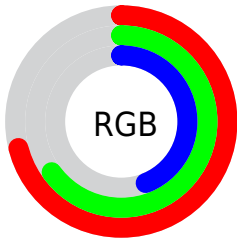
Format	Color
RYB	130, 180, 112
Decimal	11839088
CIELab	68.00, -2.93, 29.81
CIELCh	68, 29.956, 95.621
Yxy	37.9720, 0.3751, 0.4044
Android (android.graphics.Color)	4290029168 (0xFFB4A670)
YUV	164.0300, -25.6508, 14.0057
Hunter-Lab	61.6215, -5.8124, 23.2104

Details

The CIELCh color **68, 29.956, 95.621** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 31.326, 285.713**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 30.158, 95.538**, and **48, 29.925, 95.313** is the 20% darker color. If you saturate the color by 10%, you get **67, 37.777, 94.396**, and if you desaturate by 10%, it is **69, 22.022, 96.835**.

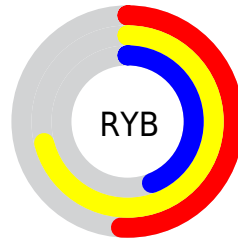
Distribution



Red (71%)

Green (65%)

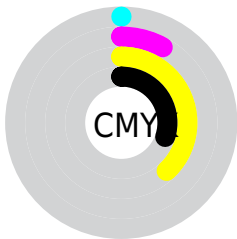
Blue (44%)



Red (51%)

Yellow (71%)

Blue (44%)

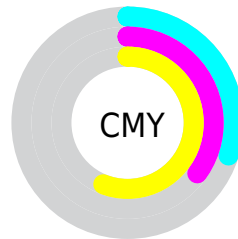


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 29.956, 95.621 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, 29.956, 95.621 by changing the saturation by 10% instead.

■ 68, 29.956, 95.621

■ 68, 29.956, 95.621

■ 100, 29.956,
95.621

■ 58, 29.956, 95.621

■ 88, 29.956, 95.621

■ 48, 29.956, 95.621

■ 98, 29.956, 95.621

■ 38, 29.956, 95.621

■ 28, 29.956, 95.621

■ 18, 29.956, 95.621

■ 8, 29.956, 95.621

■ 0, 29.956, 95.621

■ 68, 29.956, 95.621

■ 68, 29.956, 95.621

■ 67, 37.777, 94.396

■ 69, 22.022, 96.835

66, 45.314, 93.150

71, 14.069, 98.016

64, 52.288, 91.887

72, 6.151, 99.156

63, 58.263, 90.592

73, 1.704, 280.383

62, 62.655, 89.224

75, 9.481, 281.385

61, 65.087, 87.733

76, 17.175,
282.406

61, 65.543, 87.410

78, 24.783,
283.384

80, 32.101,
284.232

81, 30.242,
281.230

Harmonies

Complementary

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



68, 29.956, 95.621



54, 31.326, 285.713

Rectangle

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



68, 29.956, 95.621



68, 29.956, 145.621



68, 29.956, 275.621



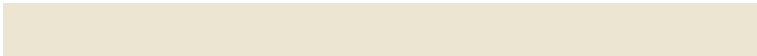
68, 29.956, 325.621

Sweetspot

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



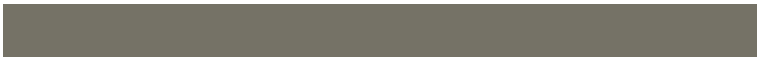
68, 29.957, 95.625



91, 10.749, 98.780



55, 29.041, 6.505



48, 7.221, 98.629



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 29.957, 95.625



85, 44.188, 94.650



70, 37.141, 118.952



37, 4.427, 98.991



52, 58.288, 87.633



7, 9.790, 94.470

Inverse Universe

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



54, 31.326, 285.713



64, 46.877, 287.372



51, 40.213, 303.928



35, 4.476, 281.180



21, 78.410, 301.855



2, 11.276, 282.768

Previews

White Background



This preview shows how the CIELCh color 68, 29.956, 95.621 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, 29.956, 95.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

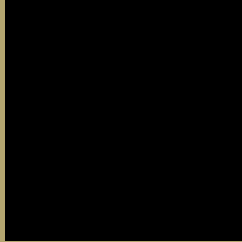
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 29.956, 95.621

Background



This preview shows how black text looks on a background with the CIELCh color 68, 29.956, 95.621.

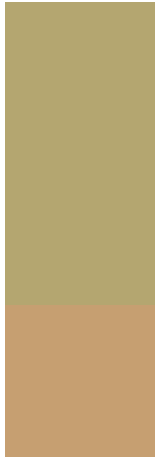


This preview shows how white text looks on a background with the CIELCh color 68, 29.956, 95.621.

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, 29.956, 95.621

Protanopia

68, 29.956, 95.621

Deuteranopia

68, 30.612, 74.177



Tritanopia
68, 12.861, 346.917

Trichromacy



Original Color
68, 29.956, 95.621

Protanomaly
68, 29.956, 95.621

Deuteranomaly
68, 29.423, 81.424

Tritanomaly
68, 11.349, 55.319

Monochromacy



Original Color
68, 29.956, 95.621

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 11.142, 98.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 29.956, 95.621 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(180, 166, 112)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 112)  
}
```

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(180, 166, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 29.956, 95.621 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(180, 166, 112) }
```

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

```
.border{ border-color:rgb(180, 166, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 112);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 29.956, 95.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 112) }
```

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

```
.background{ background-color: rgb(180,  
166, 112) }
```

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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