

Converting Colors

CIELCh(68, 59.015, 96.301)

Have a look what the booklet for
CIELCh(68, 59.015, 96.301) contains.

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Color

CIELCh(68, 59.270, 96.585)

Conversions

Conversions Part 1

Format	Color
Hex	B8A733
RGB	184, 167, 51
RGB Percent	72%, 65%, 20%
CMY	0.2792, 0.3458, 0.8008
CMYK	0.00, 0.09, 0.72, 0.28
HSL	52°, 57%, 46%
HSV	52°, 72%, 72%
XYZ	34.0966, 37.9720, 8.6414
YIQ	158.8590, 47.3680, -32.4720

Conversions

Conversions Part 2

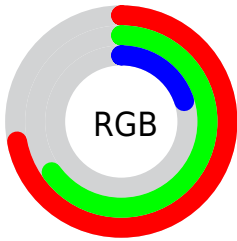
Format	Color
RYB	70, 184, 51
Decimal	12101427
CIELab	68.00, -6.80, 58.88
CIELCh	68, 59.270, 96.585
Yxy	37.9720, 0.4225, 0.4705
Android (android.graphics.Color)	4290291507 (0xFFB8A733)
YUV	158.8590, -53.1745, 22.0487
Hunter-Lab	61.6215, -9.0692, 34.8205

Details

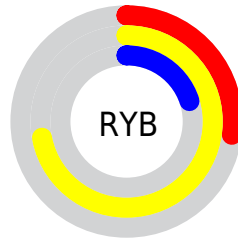
The CIELCh color **68, 59.270, 96.585** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **35, 71.454, 297.837**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 59.332, 96.635**, and **48, 54.173, 96.624** is the 20% darker color. If you saturate the color by 10%, you get **67, 64.606, 95.582**, and if you desaturate by 10%, it is **69, 52.507, 97.633**.

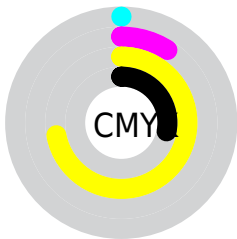
Distribution



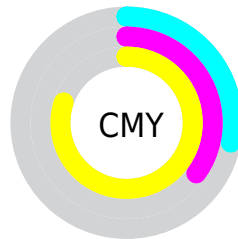
- Red (72%)
- Green (65%)
- Blue (20%)



- Red (27%)
- Yellow (72%)
- Blue (20%)



- Cyan (0%)
- Magenta (9%)
- Yellow (72%)
- Black (28%)



- Cyan (28%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 59.270, 96.585 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, 59.270, 96.585 by changing the saturation by 10% instead.

68, 59.270, 96.585

68, 59.270, 96.585

100, 59.270,
96.585

58, 59.270, 96.585

88, 59.270, 96.585

48, 59.270, 96.585

98, 59.270, 96.585

38, 59.270, 96.585

28, 59.270, 96.585

18, 59.270, 96.585

8, 59.270, 96.585

0, 59.270, 96.585

68, 59.270, 96.585

68, 59.270, 96.585

67, 64.606, 95.582

69, 52.507, 97.633

67, 67.979, 94.608

70, 44.830, 98.712

66, 69.423, 93.872

70, 36.613, 99.813

71, 28.102,
100.921

72, 19.448,
102.023

73, 10.743,
103.106

74, 2.039, 104.124

76, 6.631, 285.225

77, 15.249,
286.207

Harmonies

Complementary

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



68, 59.270, 96.585



35, 71.454, 297.837

Rectangle

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



68, 59.270, 96.585



68, 59.270, 146.585



68, 59.270, 276.585



68, 59.270, 326.585

Sweetspot

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



68, 59.270, 96.588



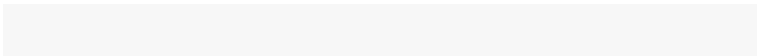
92, 23.746, 102.022



43, 57.989, 21.697



48, 15.943, 101.728



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, 59.270, 96.588



85, 81.671, 94.985



69, 68.779, 121.247



38, 4.918, 103.427



57, 61.432, 93.999



8, 12.625, 100.792

Inverse Universe

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



35, 71.454, 297.837



37, 107.688, 302.028



35, 80.201, 309.070



36, 4.996, 285.481



20, 85.721, 304.147



1, 13.945, 286.251

Previews

White Background



This preview shows how the CIELCh color 68, 59.270, 96.585 looks on a white background.

Color Contrast Check

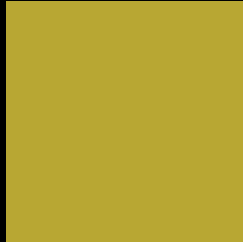
Large Text (above 18pt) WCAG AA × Fail

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, 59.270, 96.585 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, 59.270, 96.585

Background



This preview shows how black text looks on a background with the CIELCh color 68, 59.270, 96.585.



This preview shows how white text looks on a background with the CIELCh color 68, 59.270, 96.585.

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, 59.270, 96.585

Protanopia

68, 59.104, 95.233

Deuteranopia

68, 58.830, 81.419



Tritanopia
68, 15.696, 356.190

Trichromacy



Original Color
68, 59.270, 96.585

Protanomaly
68, 59.025, 95.668

Deuteranomaly
68, 58.547, 86.982

Tritanomaly
68, 23.156, 75.085

Monochromacy



Original Color
68, 59.270, 96.585

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 23.144, 101.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 59.270, 96.585 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(184, 167, 51)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 51)  
}
```

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(184, 167, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 59.270, 96.585 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(184, 167, 51) }
```

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

```
.border{ border-color:rgb(184, 167, 51) }
```

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

Here you see how a box with a 4 pixel rgb(184, 167, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 51);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 59.270, 96.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 51) }
```

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

```
.background{ background-color: rgb(184,  
167, 51) }
```

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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