

Converting Colors

CIELCh(67, 56.008, 90.705)

Have a look what the booklet for
CIELCh(67, 56.008, 90.705) contains.

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Color

CIELCh(67, 56.101, 90.734)

Conversions

Conversions Part 1

Format	Color
Hex	BEA138
RGB	190, 161, 56
RGB Percent	75%, 63%, 22%
CMY	0.2557, 0.3693, 0.7811
CMYK	0.00, 0.15, 0.71, 0.26
HSL	47°, 55%, 48%
HSV	47°, 71%, 74%
XYZ	34.6082, 36.6320, 8.9647
YIQ	157.7010, 50.9890, -26.5070

Conversions

Conversions Part 2

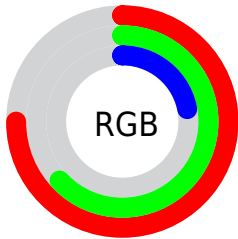
Format	Color
RYB	93, 190, 56
Decimal	12493112
CIELab	67.00, -0.72, 56.10
CIELCh	67, 56.101, 90.734
Yxy	36.6320, 0.4315, 0.4567
Android (android.graphics.Color)	4290683192 (0xFFBEA138)
YUV	157.7010, -50.1386, 28.3262
Hunter-Lab	60.5244, -3.8503, 33.5852

Details

The CIELCh color **67, 56.101, 90.734** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **40, 63.631, 293.337**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 55.866, 90.589**, and **47, 53.514, 90.573** is the 20% darker color. If you saturate the color by 10%, you get **66, 61.932, 89.380**, and if you desaturate by 10%, it is **68, 49.070, 92.040**.

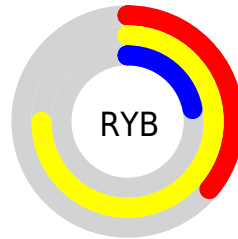
Distribution



Red (75%)

Green (63%)

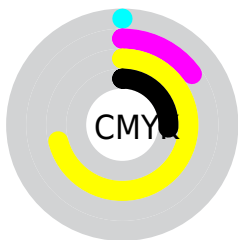
Blue (22%)



Red (36%)

Yellow (75%)

Blue (22%)

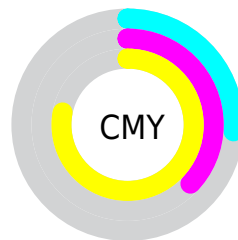


Cyan (0%)

Magenta (15%)

Yellow (71%)

Black (26%)



Cyan (26%)

Magenta (37%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 56.101, 90.734 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 67, 56.101, 90.734 by changing the saturation by 10% instead.

67, 56.101, 90.734

67, 56.101, 90.734

100, 56.101,
90.734

57, 56.101, 90.734

87, 56.101, 90.734

47, 56.101, 90.734

97, 56.101, 90.734

37, 56.101, 90.734

27, 56.101, 90.734

17, 56.101, 90.734

7, 56.101, 90.734

0, 56.101, 90.734

67, 56.101, 90.734

67, 56.101, 90.734

66, 61.932, 89.380

68, 49.070, 92.040

65, 65.922, 87.916

70, 41.353, 93.316

64, 67.953, 86.411

71, 33.286, 94.573

72, 25.072, 95.807

74, 16.826, 97.014

75, 8.614, 98.184

77, 0.469, 99.001

78, 7.592, 280.462

80, 15.562,
281.504

Harmonies

Complementary

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



67, 56.101, 90.734



40, 63.631, 293.337

Rectangle

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



67, 56.101, 90.734



67, 56.101, 140.734



67, 56.101, 270.734



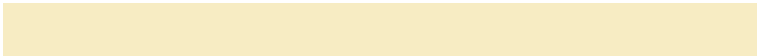
67, 56.101, 320.734

Sweetspot

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



67, 56.101, 90.737



93, 21.286, 96.925



45, 56.869, 14.637



50, 14.539, 96.590



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 56.101, 90.737



83, 78.708, 88.550



72, 67.918, 117.683



39, 4.585, 98.325



54, 59.429, 86.671



8, 12.671, 92.124

Inverse Universe

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



40, 63.631, 293.337



43, 97.017, 298.138



36, 80.844, 307.028



37, 4.632, 280.550



22, 79.542, 301.556



2, 14.784, 283.676

Previews

White Background



This preview shows how the CIELCh color 67, 56.101, 90.734 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 67, 56.101, 90.734 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 67, 56.101, 90.734

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.101, 90.734.

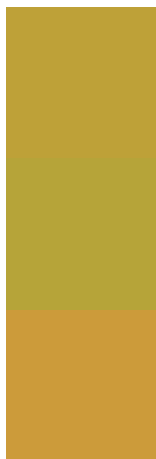


This preview shows how white text looks on a background with the CIELCh color 67, 56.101, 90.734.

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

67, 56.101, 90.734

Protanopia

67, 55.795, 95.941

Deuteranopia

67, 56.302, 81.066



Tritanopia
67, 19.841, 2.075

Trichromacy



Original Color
67, 56.101, 90.734

Protanomaly
67, 55.732, 94.042

Deuteranomaly
67, 56.108, 84.445

Tritanomaly
67, 24.691, 63.536

Monochromacy



Original Color
67, 56.101, 90.734

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 21.419, 95.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.101, 90.734 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(190, 161, 56)` looks like.

```
.text, #text, p{  
    color:rgb(190, 161, 56)  
}
```

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(190, 161, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 161, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.101, 90.734 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(190, 161, 56) }
```

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

```
.border{ border-color:rgb(190, 161, 56) }
```

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

Here you see how a box with a 4 pixel rgb(190, 161, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 161, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 161, 56);  
box-shadow:4px 4px 4px 4px rgb(190, 161,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.101, 90.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 161, 56) }
```

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

```
.background{ background-color: rgb(190,  
161, 56) }
```

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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