

Converting Colors

CIELCh(67, 50.862, 90.511)

Have a look what the booklet for
CIELCh(67, 50.862, 90.511) contains.

CIELCh(67, 50.863, 90.510)	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(67, 50.863, 90.510)

Conversions

Conversions Part 1

Format	Color
Hex	BDA144
RGB	189, 161, 68
RGB Percent	74%, 63%, 27%
CMY	0.2596, 0.3693, 0.7340
CMYK	0.00, 0.15, 0.64, 0.26
HSL	46°, 48%, 50%
HSV	46°, 64%, 74%
XYZ	34.6856, 36.6320, 10.6823
YIQ	158.7700, 46.5410, -22.9870

Conversions

Conversions Part 2

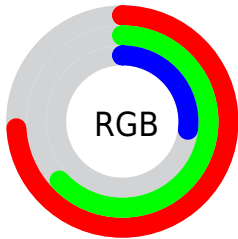
Format	Color
RYB	104, 189, 68
Decimal	12427588
CIELab	67.00, -0.45, 50.86
CIElCh	67, 50.863, 90.510
Yxy	36.6320, 0.4230, 0.4467
Android (android.graphics.Color)	4290617668 (0xFFBDA144)
YUV	158.7700, -44.7496, 26.5117
Hunter-Lab	60.5244, -3.6220, 31.9027

Details

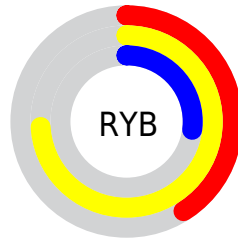
The CIELCh color **67, 50.863, 90.510** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **43, 55.744, 290.635**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 50.988, 90.695**, and **47, 50.788, 90.867** is the 20% darker color. If you saturate the color by 10%, you get **66, 57.527, 89.153**, and if you desaturate by 10%, it is **68, 43.394, 91.829**.

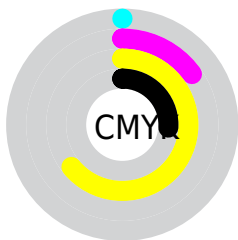
Distribution



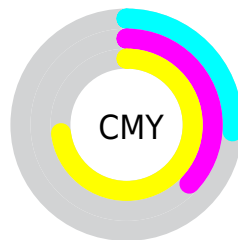
- Red (74%)
- Green (63%)
- Blue (27%)



- Red (41%)
- Yellow (74%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (64%)
- Black (26%)



- Cyan (26%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 50.863, 90.510 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, 50.863, 90.510 by changing the saturation by 10% instead.

■ 67, 50.863, 90.510

■ 67, 50.863, 90.510

■ 100, 50.863,
90.510

■ 57, 50.863, 90.510

■ 87, 50.863, 90.510

■ 47, 50.863, 90.510

■ 97, 50.863, 90.510

■ 37, 50.863, 90.510

■ 27, 50.863, 90.510

■ 17, 50.863, 90.510

■ 7, 50.863, 90.510

■ 0, 50.863, 90.510

■ 67, 50.863, 90.510

■ 67, 50.863, 90.510

■ 66, 57.527, 89.153

■ 68, 43.394, 91.829

64, 62.814, 87.706

70, 35.509, 93.116

63, 66.078, 86.094

71, 27.443, 94.379

63, 67.296, 85.078

73, 19.331, 95.613

74, 11.248, 96.813

76, 3.234, 97.944

78, 4.692, 279.157

79, 12.522,
280.215

81, 20.254,
281.242

Harmonies

Complementary

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



67, 50.863, 90.510



43, 55.744, 290.635

Rectangle

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



67, 50.863, 90.510



67, 50.863, 140.510



67, 50.863, 270.510



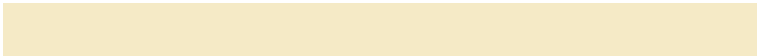
67, 50.863, 320.510

Sweetspot

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



67, 50.863, 90.513



93, 18.798, 96.191



47, 51.769, 11.192



49, 12.949, 95.845



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 50.863, 90.513



83, 72.840, 88.565



72, 62.449, 117.054



39, 4.513, 97.362



53, 59.084, 85.353



8, 12.424, 90.629

Inverse Universe

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



43, 55.744, 290.635



48, 84.559, 294.894



39, 73.116, 306.032



37, 4.554, 279.615



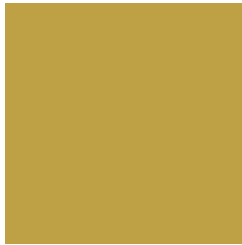
23, 78.118, 300.993



2, 14.609, 283.101

Previews

White Background



This preview shows how the CIELCh color 67, 50.863, 90.510 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 67, 50.863, 90.510 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, 50.863, 90.510

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.863, 90.510.



This preview shows how white text looks on a background with the CIELCh color 67, 50.863, 90.510.

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, 50.863, 90.510

Protanopia

67, 50.287, 95.131

Deuteranopia

67, 51.243, 80.466



Tritanopia
67, 19.072, 1.169

Trichromacy



Original Color
67, 50.863, 90.510

Protanomaly
67, 50.144, 93.539

Deuteranomaly
67, 50.645, 84.059

Tritanomaly
67, 22.379, 61.508

Monochromacy



Original Color
67, 50.863, 90.510

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 19.164, 95.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.863, 90.510 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(189, 161, 68)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 68)  
}
```

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(189, 161, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.863, 90.510 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(189, 161, 68) }
```

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

```
.border{ border-color:rgb(189, 161, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 161, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 161, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 161, 68);  
box-shadow:4px 4px 4px 4px rgb(189, 161,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.863, 90.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 68) }
```

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

```
.background{ background-color: rgb(189,  
161, 68) }
```

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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