

Converting Colors

CIELCh(67, 46.880, 95.938)

Have a look what the booklet for
CIELCh(67, 46.880, 95.938) contains.

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Color

CIELCh(67, 46.880, 95.938)

Conversions

Conversions Part 1

Format	Color
Hex	B4A34C
RGB	180, 163, 76
RGB Percent	71%, 64%, 30%
CMY	0.2923, 0.3591, 0.7004
CMYK	0.00, 0.09, 0.58, 0.29
HSL	50°, 41%, 50%
HSV	50°, 58%, 71%
XYZ	33.4207, 36.6320, 12.2212
YIQ	158.1650, 38.0590, -23.4530

Conversions

Conversions Part 2

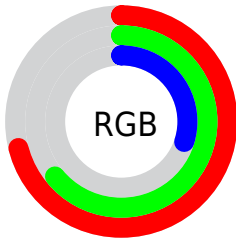
Format	Color
RYB	96, 180, 76
Decimal	11838284
CIELab	67.00, -4.85, 46.63
CIELCh	67, 46.880, 95.938
Yxy	36.6320, 0.4062, 0.4452
Android (android.graphics.Color)	4290028364 (0xFFB4A34C)
YUV	158.1650, -40.5073, 19.1493
Hunter-Lab	60.5244, -7.3524, 30.3951

Details

The CIELCh color **67, 46.880, 95.938** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **42, 52.282, 292.366**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 46.842, 96.042**, and **47, 47.171, 95.927** is the 20% darker color. If you saturate the color by 10%, you get **66, 53.955, 94.785**, and if you desaturate by 10%, it is **68, 39.166, 97.104**.

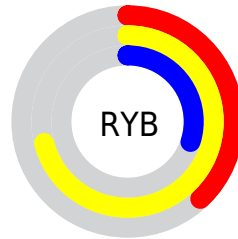
Distribution



Red (71%)

Green (64%)

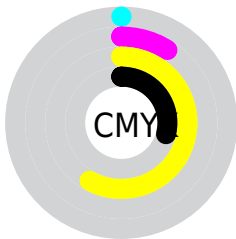
Blue (30%)



Red (38%)

Yellow (71%)

Blue (30%)

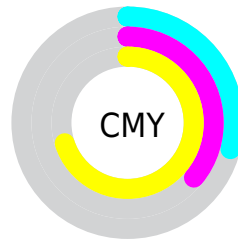


Cyan (0%)

Magenta (9%)

Yellow (58%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 46.880, 95.938 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, 46.880, 95.938 by changing the saturation by 10% instead.

67, 46.880, 95.938

67, 46.880, 95.938

100, 46.880,
95.938

57, 46.880, 95.938

87, 46.880, 95.938

47, 46.880, 95.938

97, 46.880, 95.938

37, 46.880, 95.938

27, 46.880, 95.938

17, 46.880, 95.938

7, 46.880, 95.938

0, 46.880, 95.938

67, 46.880, 95.938

67, 46.880, 95.938

66, 53.955, 94.785

68, 39.166, 97.104

65, 59.948, 93.634

69, 31.104, 98.267

64, 64.296, 92.472

70, 22.876, 99.421

63, 66.651, 91.267

71, 14.590,
100.556

63, 67.111, 90.986

73, 6.308, 101.655

74, 1.935, 282.819

75, 10.119,
283.805

76, 18.235,
284.796

78, 26.276,
285.745

Harmonies

Complementary

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



67, 46.880, 95.938



42, 52.282, 292.366

Rectangle

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



67, 46.880, 95.938



67, 46.880, 145.938



67, 46.880, 275.938



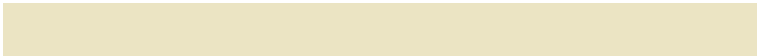
67, 46.880, 325.938

Sweetspot

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



67, 46.881, 95.941



90, 17.385, 100.597



47, 45.249, 14.480



48, 11.623, 100.377



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 46.881, 95.941



84, 67.650, 94.495



69, 55.797, 120.101



37, 4.627, 101.477



54, 59.484, 91.159



7, 10.383, 98.223

Inverse Universe

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



42, 52.282, 292.366



47, 79.149, 295.679



41, 63.145, 307.169



35, 4.691, 283.588



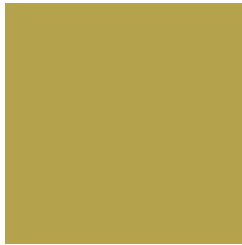
20, 81.957, 303.188



1, 11.676, 284.492

Previews

White Background



This preview shows how the CIELCh color 67, 46.880, 95.938 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, 46.880, 95.938 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, 46.880, 95.938

Background



This preview shows how black text looks on a background with the CIELCh color 67, 46.880, 95.938.



This preview shows how white text looks on a background with the CIELCh color 67, 46.880, 95.938.

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, 46.880, 95.938

Protanopia

67, 46.966, 95.400

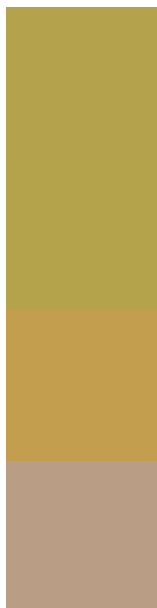
Deuteranopia

67, 46.543, 79.199



Tritanopia
67, 15.025, 354.860

Trichromacy



Original Color
67, 46.880, 95.938

Protanomaly
67, 46.966, 95.400

Deuteranomaly
67, 46.237, 85.012

Tritanomaly
67, 17.991, 66.878

Monochromacy



Original Color
67, 46.880, 95.938

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 17.765, 100.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 46.880, 95.938 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, 163, 76)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 76)  
}
```

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, 163, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 46.880, 95.938 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, 163, 76) }
```

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

```
.border{ border-color:rgb(180, 163, 76) }
```

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

Here you see how a box with a 4 pixel rgb(180, 163, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 76);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 46.880, 95.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 76) }
```

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

```
.background{ background-color: rgb(180,  
163, 76) }
```

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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