

Converting Colors

CIELCh(65, 68.494, 92.125)

Have a look what the booklet for
CIELCh(65, 68.494, 92.125) contains.

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Color

CIELCh(65, 68.503, 91.909)

Conversions

Conversions Part 1

Format	Color
Hex	B89C00
RGB	184, 156, 0
RGB Percent	72%, 61%, 0%
CMY	0.2777, 0.3876, 0.9984
CMYK	0.00, 0.15, 1.00, 0.28
HSL	51°, 100%, 36%
HSV	51°, 100%, 72%
XYZ	31.7304, 34.0472, 4.9106
YIQ	146.5880, 66.7640, -42.5800

Conversions

Conversions Part 2

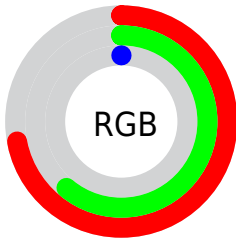
Format	Color
RYB	33, 184, 0
Decimal	12098560
CIELab	65.00, -2.28, 68.46
CIELCh	65, 68.503, 91.909
Yxy	34.0472, 0.4489, 0.4817
Android (android.graphics.Color)	4290288640 (0xFFB89C00)
YUV	146.5880, -72.2679, 32.8103
Hunter-Lab	58.3500, -5.0450, 35.8553

Details

The CIELCh color **65, 68.503, 91.909** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **25, 95.851, 303.776**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 68.610, 91.887**, and **45, 51.656, 91.151** is the 20% darker color. If you saturate the color by 10%, you get **65, 68.545, 91.887**, and if you desaturate by 10%, it is **66, 66.421, 93.046**.

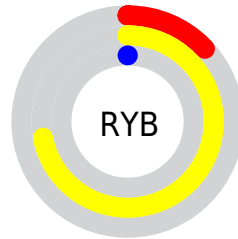
Distribution



Red (72%)

Green (61%)

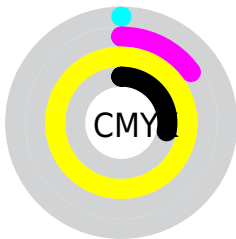
Blue (0%)



Red (13%)

Yellow (72%)

Blue (0%)

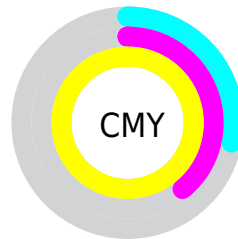


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 68.503, 91.909 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 65, 68.503, 91.909 by changing the saturation by 10% instead.

■ 65, 68.503, 91.909

■ 65, 68.503, 91.909

■ 100, 68.503,
91.909

■ 55, 68.503, 91.909

■ 85, 68.503, 91.909

■ 45, 68.503, 91.909

■ 95, 68.503, 91.909

■ 35, 68.503, 91.909

■ 25, 68.503, 91.909

■ 15, 68.503, 91.909

■ 5, 68.503, 91.909

■ 0, 68.503, 91.909

■ 65, 68.503, 91.909

■ 65, 68.503, 91.909

■ 65, 68.545, 91.887

■ 66, 66.421, 93.046

67, 62.471, 94.157

67, 56.704, 95.267

68, 49.693, 96.392

69, 41.924, 97.532

70, 33.728, 98.679

71, 25.316, 99.822

73, 16.814,
100.950

74, 8.297, 102.049

Harmonies

Complementary

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



65, 68.503, 91.909



25, 95.851, 303.776

Rectangle

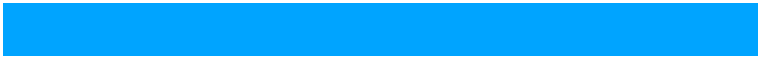
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 68.503, 91.909



65, 68.503, 141.909



65, 68.503, 271.909



65, 68.503, 321.909

Sweetspot

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



65, 68.502, 91.911



90, 31.587, 99.740



38, 74.278, 31.734



47, 21.520, 99.263



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 68.502, 91.911



83, 83.398, 91.679



68, 80.823, 121.427



38, 4.792, 102.097



56, 60.567, 92.047



8, 12.170, 98.743

Inverse Universe

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



25, 95.851, 303.776



33, 118.383, 304.161



25, 100.988, 308.788



36, 4.862, 284.196



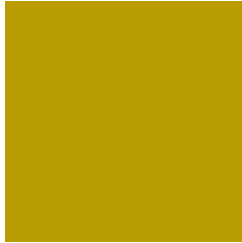
20, 83.922, 303.529



2, 13.674, 285.369

Previews

White Background



This preview shows how the CIELCh color 65, 68.503, 91.909 looks on a white background.

Color Contrast Check

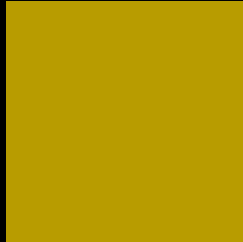
Large Text (above 18pt) WCAG AA × Fail

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 65, 68.503, 91.909 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 65, 68.503, 91.909

Background



This preview shows how black text looks on a background with the CIELCh color 65, 68.503, 91.909.

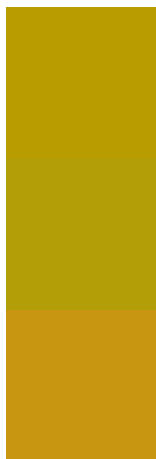


This preview shows how white text looks on a background with the CIELCh color 65, 68.503, 91.909.

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

65, 68.503, 91.909

Protanopia

65, 67.631, 95.075

Deuteranopia

65, 67.347, 82.868



Tritanopia
65, 19.828, 3.683

Trichromacy



Original Color
65, 68.503, 91.909

Protanomaly
65, 67.814, 93.866

Deuteranomaly
65, 67.569, 86.172

Tritanomaly
64, 33.440, 74.321

Monochromacy



Original Color
65, 68.503, 91.909

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 31.263, 97.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 68.503, 91.909 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, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 0)  
}
```

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, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 68.503, 91.909 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, 156, 0) }
```

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

```
.border{ border-color:rgb(184, 156, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 156, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 68.503, 91.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 0) }
```

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

```
.background{ background-color: rgb(184,  
156, 0) }
```

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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