

Converting Colors

CIELCh(65, 66.307, 89.534)

Have a look what the booklet for
CIELCh(65, 66.307, 89.534) contains.

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Color

CIELCh(65, 66.301, 89.753)

Conversions

Conversions Part 1

Format	Color
Hex	BC9B11
RGB	188, 155, 17
RGB Percent	74%, 61%, 7%
CMY	0.2639, 0.3932, 0.9352
CMYK	0.00, 0.18, 0.91, 0.26
HSL	48°, 84%, 40%
HSV	48°, 91%, 74%
XYZ	32.4404, 34.0472, 5.3722
YIQ	149.1350, 63.9660, -35.9220

Conversions

Conversions Part 2

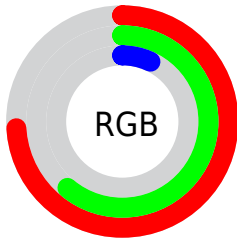
Format	Color
RYB	58, 188, 17
Decimal	12360465
CIELab	65.00, 0.29, 66.30
CIELCh	65, 66.301, 89.753
Yxy	34.0472, 0.4514, 0.4738
Android (android.graphics.Color)	4290550545 (0xFFBC9B11)
YUV	149.1350, -65.1426, 34.0846
Hunter-Lab	58.3500, -2.8732, 35.3862

Details

The CIELCh color **65, 66.301, 89.753** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **29, 85.960, 300.502**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 66.082, 89.756**, and **45, 51.973, 88.372** is the 20% darker color. If you saturate the color by 10%, you get **64, 68.098, 88.499**, and if you desaturate by 10%, it is **66, 62.536, 91.096**.

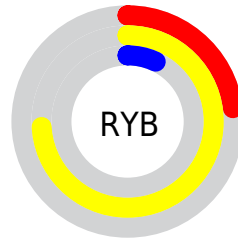
Distribution



Red (74%)

Green (61%)

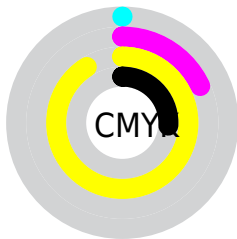
Blue (7%)



Red (23%)

Yellow (74%)

Blue (7%)

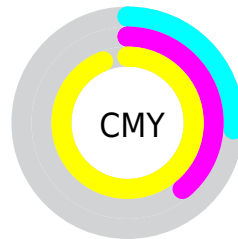


Cyan (0%)

Magenta (18%)

Yellow (91%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 66.301, 89.753 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, 66.301, 89.753 by changing the saturation by 10% instead.

■ 65, 66.301, 89.753

■ 65, 66.301, 89.753

■ 100, 66.301,
89.753

■ 55, 66.301, 89.753

■ 85, 66.301, 89.753

■ 45, 66.301, 89.753

■ 95, 66.301, 89.753

■ 35, 66.301, 89.753

■ 25, 66.301, 89.753

■ 15, 66.301, 89.753

■ 5, 66.301, 89.753

■ 0, 66.301, 89.753

■ 65, 66.301, 89.753

■ 65, 66.301, 89.753

■ 64, 68.098, 88.499

■ 66, 62.536, 91.096

67, 56.882, 92.365

68, 49.957, 93.604

69, 42.277, 94.832

71, 34.193, 96.049

72, 25.920, 97.251

73, 17.584, 98.432

75, 9.258, 99.579

76, 0.981, 100.567

Harmonies

Complementary

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



65, 66.301, 89.753



29, 85.960, 300.502

Rectangle

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



65, 66.301, 89.753



65, 66.301, 139.753



65, 66.301, 269.753



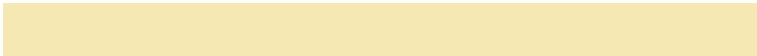
65, 66.301, 319.753

Sweetspot

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



65, 66.300, 89.756



92, 27.821, 97.698



40, 69.360, 25.007



48, 18.745, 97.293



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 66.300, 89.756



82, 83.003, 88.225



70, 78.707, 119.107



39, 4.700, 99.786



55, 60.048, 88.712



9, 13.077, 94.360

Inverse Universe

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



29, 85.960, 300.502



35, 116.049, 303.111



27, 98.498, 308.371



37, 4.756, 281.966



22, 81.697, 302.373



2, 15.063, 284.558

Previews

White Background



This preview shows how the CIELCh color 65, 66.301, 89.753 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, 66.301, 89.753 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, 66.301, 89.753

Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.301, 89.753.



This preview shows how white text looks on a background with the CIELCh color 65, 66.301, 89.753.

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, 66.301, 89.753

Protanopia

65, 65.820, 95.057

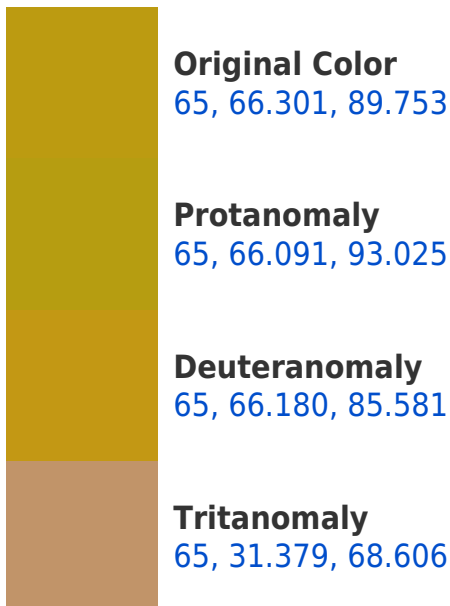
Deuteranopia

65, 66.161, 83.049



Tritanopia
65, 21.391, 5.220

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 66.301, 89.753 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(188, 155, 17)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 17)  
}
```

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(188, 155, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 17) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 66.301, 89.753 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(188, 155, 17) }
```

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

```
.border{ border-color:rgb(188, 155, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 155, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 155, 17);  
box-shadow:4px 4px 4px 4px rgb(188, 155,  
17) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 66.301, 89.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 17) }
```

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

```
.background{ background-color: rgb(188,  
155, 17) }
```

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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