

Converting Colors

CIELCh(65, 60.731, 88.769)

Have a look what the booklet for
CIELCh(65, 60.731, 88.769) contains.

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Color

CIELCh(65, 60.707, 88.702)

Conversions

Conversions Part 1

Format	Color
Hex	BC9A26
RGB	188, 154, 38
RGB Percent	74%, 60%, 15%
CMY	0.2618, 0.3952, 0.8500
CMYK	0.00, 0.18, 0.80, 0.26
HSL	46°, 66%, 44%
HSV	46°, 80%, 74%
XYZ	32.7447, 34.0472, 6.7012
YIQ	150.9420, 57.5000, -28.8680

Conversions

Conversions Part 2

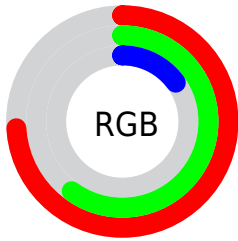
Format	Color
R _Y B	82, 188, 38
Decimal	12360230
CIE Lab	65.00, 1.38, 60.69
CIE LCh	65, 60.707, 88.702
Yxy	34.0472, 0.4455, 0.4633
Android (android.graphics.Color)	4290550310 (0xFFBC9A26)
YUV	150.9420, -55.6804, 32.4999
Hunter-Lab	58.3500, -1.9422, 34.0358

Details

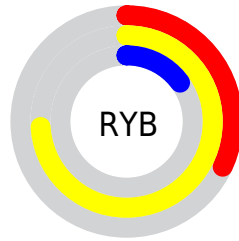
The CIELCh color **65, 60.707, 88.702** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **35, 71.262, 295.560**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 60.841, 88.594**, and **45, 51.798, 87.725** is the 20% darker color. If you saturate the color by 10%, you get **64, 64.910, 87.201**, and if you desaturate by 10%, it is **66, 54.754, 90.090**.

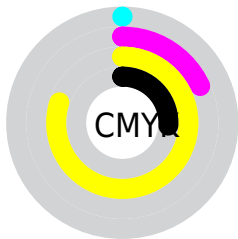
Distribution



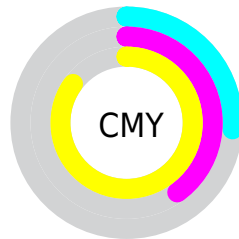
- Red (74%)
- Green (60%)
- Blue (15%)



- Red (32%)
- Yellow (74%)
- Blue (15%)



- Cyan (0%)
- Magenta (18%)
- Yellow (80%)
- Black (26%)



- Cyan (26%)
- Magenta (40%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 60.707, 88.702 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, 60.707, 88.702 by changing the saturation by 10% instead.

 65, 60.707, 88.702

 65, 60.707, 88.702

 100, 60.707,
88.702

 55, 60.707, 88.702

 85, 60.707, 88.702

 45, 60.707, 88.702

 95, 60.707, 88.702

 35, 60.707, 88.702

 25, 60.707, 88.702

 15, 60.707, 88.702

 5, 60.707, 88.702

 0, 60.707, 88.702

 65, 60.707, 88.702

 65, 60.707, 88.702

 64, 64.910, 87.201

 66, 54.754, 90.090

63, 67.192, 85.535

68, 47.691, 91.416

63, 67.262, 85.482

69, 40.008, 92.710

70, 32.021, 93.980

72, 23.916, 95.225

73, 15.799, 96.440

75, 7.728, 97.614

76, 0.267, 279.400

78, 8.171, 279.904

Harmonies

Complementary

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



65, 60.707, 88.702



35, 71.262, 295.560

Rectangle

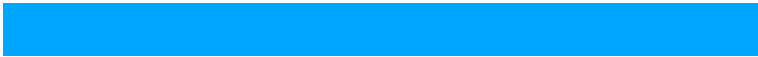
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 60.707, 88.702



65, 60.707, 138.702



65, 60.707, 268.702



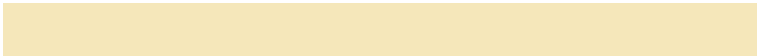
65, 60.707, 318.702

Sweetspot

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



65, 60.707, 88.705



92, 23.901, 95.871



42, 62.203, 16.821



48, 16.433, 95.436



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, 60.707, 88.705



80, 81.157, 85.871



71, 73.054, 116.989



39, 4.534, 97.651



53, 59.182, 85.746



8, 12.497, 91.079

Inverse Universe

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



35, 71.262, 295.560



38, 107.591, 300.946



31, 89.890, 307.386



37, 4.577, 279.896



23, 78.545, 301.164



2, 14.661, 283.273

Previews

White Background



This preview shows how the CIELCh color 65, 60.707, 88.702 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 65, 60.707, 88.702 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, 60.707, 88.702

Background



This preview shows how black text looks on a background with the CIELCh color 65, 60.707, 88.702.



This preview shows how white text looks on a background with the CIELCh color 65, 60.707, 88.702.

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, 60.707, 88.702

Protanopia

65, 60.230, 95.378

Deuteranopia

65, 61.159, 82.013



Tritanopia
65, 21.391, 5.220

Trichromacy



Original Color
65, 60.707, 88.702

Protanomaly
65, 60.295, 93.162

Deuteranomaly
65, 61.074, 84.732

Tritanomaly
65, 27.887, 63.798

Monochromacy



Original Color
65, 60.707, 88.702

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 23.935, 94.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 60.707, 88.702 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, 154, 38)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 38)  
}
```

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, 154, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 60.707, 88.702 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, 154, 38) }
```

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

```
.border{ border-color:rgb(188, 154, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 38);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 60.707, 88.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 38) }
```

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

```
.background{ background-color: rgb(188,  
154, 38) }
```

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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