

Converting Colors

CIELCh(59, 65.920, 77.365)

Have a look what the booklet for
CIELCh(59, 65.920, 77.365) contains.

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Color

CIELCh(59, 65.930, 77.155)

Conversions

Conversions Part 1

Format	Color
Hex	BE8203
RGB	190, 130, 3
RGB Percent	75%, 51%, 1%
CMY	0.2537, 0.4891, 0.9900
CMYK	0.00, 0.32, 0.99, 0.25
HSL	41°, 97%, 38%
HSV	41°, 99%, 75%
XYZ	29.3441, 27.0277, 3.7430
YIQ	133.4620, 76.5270, -26.7770

Conversions

Conversions Part 2

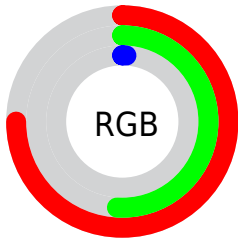
Format	Color
R _Y B	91, 190, 3
Decimal	12485123
CIE Lab	59.00, 14.66, 64.28
CIE LCh	59, 65.930, 77.155
Yxy	27.0277, 0.4881, 0.4496
Android (android.graphics.Color)	4290675203 (0xFFBE8203)
YUV	133.4620, -64.3178, 49.5838
Hunter-Lab	51.9882, 9.7726, 32.1231

Details

The CIELCh color **59, 65.930, 77.155** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **32, 79.207, 296.994**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 65.602, 77.228**, and **39, 50.352, 72.101** is the 20% darker color. If you saturate the color by 10%, you get **59, 66.300, 76.861**, and if you desaturate by 10%, it is **61, 62.970, 79.399**.

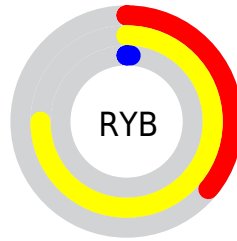
Distribution



Red (75%)

Green (51%)

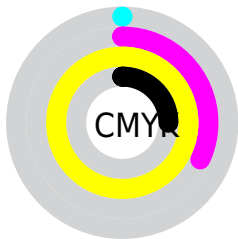
Blue (1%)



Red (36%)

Yellow (75%)

Blue (1%)

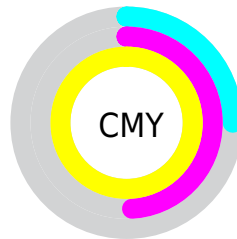


Cyan (0%)

Magenta (32%)

Yellow (99%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 65.930, 77.155 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 59, 65.930, 77.155 by changing the saturation by 10% instead.

■ 59, 65.930, 77.155

■ 59, 65.930, 77.155

■ 100, 65.930,
77.155

■ 49, 65.930, 77.155

■ 79, 65.930, 77.155

■ 39, 65.930, 77.155

■ 89, 65.930, 77.155

■ 29, 65.930, 77.155

■ 99, 65.930, 77.155

■ 19, 65.930, 77.155

■ 9, 65.930, 77.155

■ 0, 65.930, 77.155

■ 59, 65.930, 77.155

■ 59, 65.930, 77.155

■ 59, 66.300, 76.861

■ 61, 62.970, 79.399

■ 62, 58.059, 81.283

64, 51.650, 82.918

66, 44.416, 84.419

67, 36.807, 85.846

69, 29.086, 87.225

71, 21.393, 88.564

73, 13.800, 89.860

75, 6.340, 91.103

Harmonies

Complementary

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



59, 65.930, 77.155



32, 79.207, 296.994

Rectangle

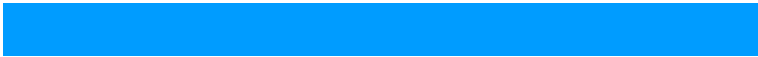
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 65.930, 77.155



59, 65.930, 127.155



59, 65.930, 257.155



59, 65.930, 307.155

Sweetspot

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



59, 65.929, 77.158



90, 27.745, 88.323



40, 68.944, 17.495



47, 19.150, 87.753



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 65.929, 77.158



75, 80.696, 76.375



72, 78.923, 112.793



39, 4.121, 91.021



49, 57.825, 77.277



7, 11.198, 80.836

Inverse Universe

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



32, 79.207, 296.994



42, 99.490, 297.983



24, 105.495, 306.925



37, 4.126, 273.428



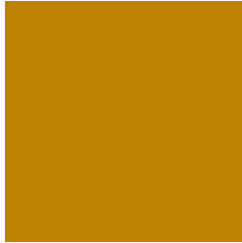
26, 69.036, 296.908



3, 13.612, 279.416

Previews

White Background



This preview shows how the CIELCh color 59, 65.930, 77.155 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 65.930, 77.155 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 65.930, 77.155

Background



This preview shows how black text looks on a background with the CIELCh color 59, 65.930, 77.155.



This preview shows how white text looks on a background with the CIELCh color 59, 65.930, 77.155.

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

59, 65.773, 77.113

Protanopia

59, 61.574, 95.174

Deuteranopia

59, 64.557, 83.457



Tritanopia
59, 31.320, 13.953

Trichromacy



Original Color
59, 65.773, 77.113

Protanomaly
59, 62.296, 88.006

Deuteranomaly
59, 64.965, 80.886

Tritanomaly
59, 40.262, 54.948

Monochromacy



Original Color
59, 65.773, 77.113

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 28.273, 87.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 65.930, 77.155 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(190, 130, 3)` looks like.

```
.text, #text, p{  
    color:rgb(190, 130, 3)  
}
```

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(190, 130, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 130, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 65.930, 77.155 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(190, 130, 3) }
```

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

```
.border{ border-color:rgb(190, 130, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 130, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 130, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 130, 3);  
box-shadow:4px 4px 4px 4px rgb(190, 130,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 65.930, 77.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 130, 3) }
```

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

```
.background{ background-color: rgb(190,  
130, 3) }
```

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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