

Converting Colors

CIELCh(65, 70.623, 130.521)

Have a look what the booklet for
CIELCh(65, 70.623, 130.521)
contains.

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Color

CIELCh(65, 70.295, 130.655)

Conversions

Conversions Part 1

Format	Color
Hex	61B034
RGB	97, 176, 52
RGB Percent	38%, 69%, 20%
CMY	0.6178, 0.3080, 0.7943
CMYK	0.45, 0.00, 0.70, 0.31
HSL	98°, 54%, 45%
HSV	98°, 70%, 69%
XYZ	21.2236, 34.0472, 8.7558
YIQ	138.2430, -7.2800, -55.3120

Conversions

Conversions Part 2

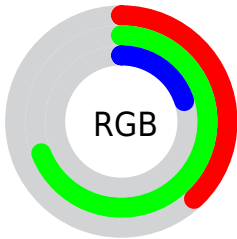
Format	Color
RYB	52, 176, 131
Decimal	6402100
CIELab	65.00, -45.80, 53.33
CIELCh	65, 70.295, 130.655
Yxy	34.0472, 0.3315, 0.5318
Android (android.graphics.Color)	4284592180 (0xFF61B034)
YUV	138.2430, -42.5178, -36.1701
Hunter-Lab	58.3500, -37.1866, 31.9481

Details

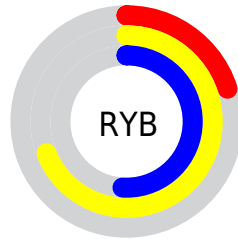
The CIELCh color **65, 70.295, 130.655** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **39, 74.783, 316.351**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 70.031, 130.800**, and **45, 66.872, 132.677** is the 20% darker color. If you saturate the color by 10%, you get **64, 77.373, 130.676**, and if you desaturate by 10%, it is **66, 61.835, 130.913**.

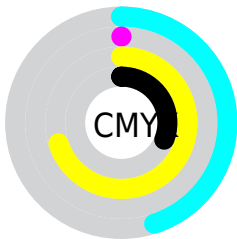
Distribution



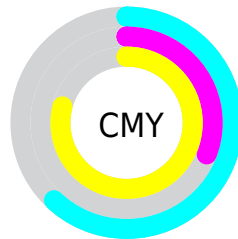
- Red (38%)
- Green (69%)
- Blue (20%)



- Red (20%)
- Yellow (69%)
- Blue (51%)



- Cyan (45%)
- Magenta (0%)
- Yellow (70%)
- Black (31%)





- Cyan (62%)
- Magenta (31%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 70.295, 130.655 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, 70.295, 130.655 by changing the saturation by 10% instead.


 65, 70.295,
130.655


 65, 70.295,
130.655


 100, 70.295,
130.655


 55, 70.295,
130.655


 85, 70.295,
130.655

 45, 70.295,
130.655

 95, 70.295,
130.655

 35, 70.295,
130.655

 25, 70.295,
130.655

 15, 70.295,
130.655

 5, 70.295, 130.655

 0, 70.295, 130.655

■ 65, 70.295,
130.655

■ 65, 70.295,
130.655

■ 64, 77.373,
130.676

■ 66, 61.835,
130.913

■ 64, 82.644,
131.095

■ 66, 52.422,
131.331

■ 64, 86.150,
131.811

■ 67, 42.399,
131.822

■ 68, 32.017,
132.331

■ 69, 21.458,
132.825

■ 71, 10.847,
133.292

■ 72, 0.277, 134.228

■ 73, 10.188,
314.057

■ 75, 20.502,
314.396

Harmonies

Complementary

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



65, 70.295, 130.655



39, 74.783, 316.351

Rectangle

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



65, 70.295, 130.655



65, 70.295, 180.655



65, 70.295, 310.655



65, 70.295, 0.655

Sweetspot

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



65, 70.295, 130.656



88, 27.527, 132.773



58, 48.598, 78.708



46, 18.612, 132.641



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 70.295, 130.656



82, 97.803, 130.837



64, 71.173, 141.378



37, 6.035, 133.334



56, 77.407, 131.647



7, 14.935, 136.355

Inverse Universe

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



39, 74.783, 316.351



45, 104.541, 316.215



45, 69.120, 332.512



35, 6.093, 314.074



26, 82.700, 315.607



2, 14.225, 310.008

Previews

White Background



This preview shows how the CIELCh color 65, 70.295, 130.655 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, 70.295, 130.655 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, 70.295, 130.655

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.295, 130.655.



This preview shows how white text looks on a background with the CIELCh color 65, 70.295, 130.655.

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, 70.295, 130.655

Protanopia
65, 57.012, 95.243

Deuteranopia
65, 51.689, 80.765



Tritanopia
65, 17.111, 223.389

Trichromacy



Original Color
65, 70.295, 130.655

Protanomaly
64, 58.779, 111.387

Deuteranomaly
64, 52.161, 104.012

Tritanomaly
65, 30.067, 153.973

Monochromacy



Original Color
65, 70.295, 130.655

Achromatopsia
58, 0.007, 296.813

Achromatomaly
60, 27.759, 132.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 70.295, 130.655 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(97, 176, 52)` looks like.

```
.text, #text, p{  
    color:rgb(97, 176, 52)  
}
```

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(97, 176, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 176, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.295, 130.655 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(97, 176, 52) }
```

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

```
.border{ border-color:rgb(97, 176, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 176, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 176, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 176, 52);  
box-shadow:4px 4px 4px 4px rgb(97, 176,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.295, 130.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 176, 52) }
```

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

```
.background{ background-color: rgb(97, 176,  
52) }
```

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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