

Converting Colors

CIELCh(65, 63.392, 94.855)

Have a look what the booklet for
CIELCh(65, 63.392, 94.855) contains.

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Color

CIELCh(65, 63.304, 95.018)

Conversions

Conversions Part 1

Format	Color
Hex	B29E1D
RGB	178, 158, 29
RGB Percent	70%, 62%, 11%
CMY	0.3016, 0.3800, 0.8858
CMYK	0.00, 0.11, 0.84, 0.30
HSL	52°, 72%, 41%
HSV	52°, 84%, 70%
XYZ	30.8454, 34.0472, 6.1158
YIQ	149.2740, 53.3290, -35.8790

Conversions

Conversions Part 2

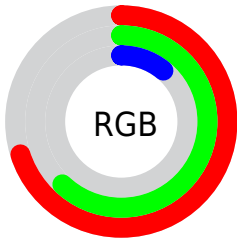
Format	Color
RYB	52, 178, 29
Decimal	11705885
CIELab	65.00, -5.54, 63.06
CIELCh	65, 63.304, 95.018
Yxy	34.0472, 0.4344, 0.4795
Android (android.graphics.Color)	4289895965 (0xFFB29E1D)
YUV	149.2740, -59.2951, 25.1927
Hunter-Lab	58.3500, -7.7523, 34.6307

Details

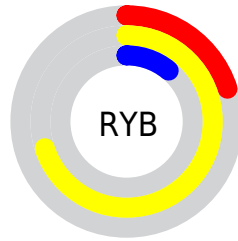
The CIELCh color **65, 63.304, 95.018** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **29, 80.747, 300.545**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 63.320, 94.962**, and **45, 51.653, 95.118** is the 20% darker color. If you saturate the color by 10%, you get **64, 66.363, 94.011**, and if you desaturate by 10%, it is **66, 58.290, 96.047**.

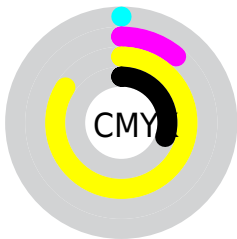
Distribution



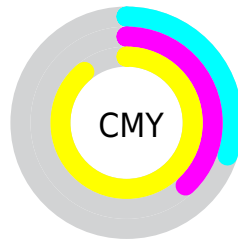
- Red (70%)
- Green (62%)
- Blue (11%)



- Red (20%)
- Yellow (70%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (84%)
- Black (30%)



- Cyan (30%)
- Magenta (38%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 63.304, 95.018 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, 63.304, 95.018 by changing the saturation by 10% instead.

65, 63.304, 95.018

65, 63.304, 95.018

100, 63.304,
95.018

55, 63.304, 95.018

85, 63.304, 95.018

45, 63.304, 95.018

95, 63.304, 95.018

35, 63.304, 95.018

25, 63.304, 95.018

15, 63.304, 95.018

5, 63.304, 95.018

0, 63.304, 95.018

65, 63.304, 95.018

65, 63.304, 95.018

64, 66.363, 94.011

66, 58.290, 96.047

64, 67.563, 93.374

67, 51.837, 97.107

67, 44.455, 98.196

68, 36.525, 99.305

69, 28.295,
100.420

70, 19.919,
101.530

71, 11.489,
102.621

72, 3.060, 103.663

73, 5.336, 284.758

Harmonies

Complementary

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



65, 63.304, 95.018



29, 80.747, 300.545

Rectangle

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



65, 63.304, 95.018



65, 63.304, 145.018



65, 63.304, 275.018



65, 63.304, 325.018

Sweetspot

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



65, 63.304, 95.020



89, 26.108, 101.333



39, 63.896, 25.037



47, 17.949, 100.948



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 63.304, 95.020



81, 82.247, 93.190



67, 73.487, 120.838



37, 4.771, 103.082



55, 60.463, 93.500



7, 10.836, 100.672

Inverse Universe

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



29, 80.747, 300.545



31, 117.031, 304.535



29, 88.545, 309.154



35, 4.845, 285.140



19, 84.148, 303.962



1, 11.961, 285.626

Previews

White Background



This preview shows how the CIELCh color 65, 63.304, 95.018 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, 63.304, 95.018 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, 63.304, 95.018

Background



This preview shows how black text looks on a background with the CIELCh color 65, 63.304, 95.018.



This preview shows how white text looks on a background with the CIELCh color 65, 63.304, 95.018.

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, 63.304, 95.018

Protanopia

65, 63.304, 95.018

Deuteranopia

65, 63.052, 82.432



Tritanopia
65, 16.944, 358.129

Trichromacy



Original Color
65, 63.304, 95.018

Protanomaly
65, 63.304, 95.018

Deuteranomaly
65, 62.772, 87.206

Tritanomaly
65, 26.094, 74.761

Monochromacy



Original Color
65, 63.304, 95.018

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 26.206, 99.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 63.304, 95.018 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(178, 158, 29)` looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 29)  
}
```

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(178, 158, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 63.304, 95.018 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(178, 158, 29) }
```

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

```
.border{ border-color:rgb(178, 158, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 158, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 29);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 63.304, 95.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 29) }
```

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

```
.background{ background-color: rgb(178,  
158, 29) }
```

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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