

Converting Colors

CIELCh(70, 63.185, 95.579)

Have a look what the booklet for
CIELCh(70, 63.185, 95.579) contains.

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Color

CIELCh(70, 63.185, 95.579)

Conversions

Conversions Part 1

Format	Color
Hex	C0AC2E
RGB	192, 172, 46
RGB Percent	75%, 67%, 18%
CMY	0.2483, 0.3266, 0.8209
CMYK	0.00, 0.10, 0.76, 0.25
HSL	52°, 62%, 47%
HSV	52°, 76%, 75%
XYZ	36.8374, 40.7494, 8.4741
YIQ	163.6160, 52.3660, -34.9460

Conversions

Conversions Part 2

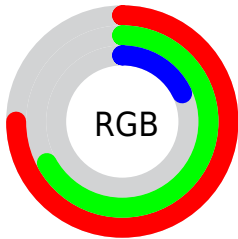
Format	Color
RYB	69, 192, 46
Decimal	12626990
CIELab	70.00, -6.14, 62.89
CIELCh	70, 63.185, 95.579
Yxy	40.7494, 0.4280, 0.4735
Android (android.graphics.Color)	4290817070 (0xFFC0AC2E)
YUV	163.6160, -57.9847, 24.8928
Hunter-Lab	63.8353, -8.7048, 36.8140

Details

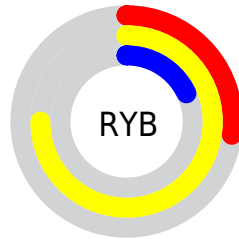
The CIELCh color **70, 63.185, 95.579** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **34, 77.383, 298.562**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 63.021, 95.385**, and **50, 56.010, 95.367** is the 20% darker color. If you saturate the color by 10%, you get **69, 67.949, 94.545**, and if you desaturate by 10%, it is **71, 56.718, 96.645**.

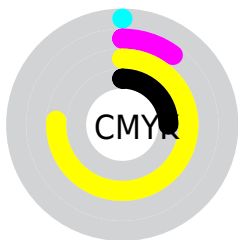
Distribution



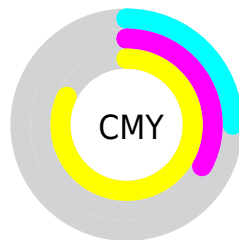
- Red (75%)
- Green (67%)
- Blue (18%)



- Red (27%)
- Yellow (75%)
- Blue (18%)



- Cyan (0%)
- Magenta (10%)
- Yellow (76%)
- Black (25%)



- Cyan (25%)
- Magenta (33%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 63.185, 95.579 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 70, 63.185, 95.579 by changing the saturation by 10% instead.

 70, 63.185, 95.579

 70, 63.185, 95.579

 100, 63.185,
95.579

 60, 63.185, 95.579

 90, 63.185, 95.579

 50, 63.185, 95.579

 40, 63.185, 95.579

 30, 63.185, 95.579

 20, 63.185, 95.579

 10, 63.185, 95.579

 0, 63.185, 95.579

 70, 63.185, 95.579

 70, 63.185, 95.579

 69, 67.949, 94.545

 71, 56.718, 96.645

68, 70.534, 93.514

72, 49.120, 97.739

68, 71.224, 93.121

73, 40.843, 98.854

74, 32.188, 99.979

75, 23.343,
101.100

76, 14.422,
102.206

77, 5.491, 103.277

78, 3.410, 284.387

79, 12.259,
285.378

Harmonies

Complementary

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



70, 63.185, 95.579



34, 77.383, 298.562

Rectangle

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



70, 63.185, 95.579



70, 63.185, 145.579



70, 63.185, 275.579



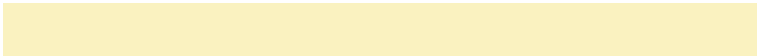
70, 63.185, 325.579

Sweetspot

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



70, 63.185, 95.582



95, 25.448, 101.412



44, 62.512, 21.996



50, 17.606, 101.006



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 63.185, 95.582



87, 85.246, 93.898



72, 73.443, 120.604



40, 5.094, 102.940



58, 62.558, 93.263



10, 15.709, 98.193

Inverse Universe

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



34, 77.383, 298.562



37, 115.029, 302.751



34, 86.999, 308.892



38, 5.173, 285.025



21, 87.290, 303.986



2, 17.602, 287.208

Previews

White Background



This preview shows how the CIELCh color 70, 63.185, 95.579 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 70, 63.185, 95.579 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 70, 63.185, 95.579

Background



This preview shows how black text looks on a background with the CIELCh color 70, 63.185, 95.579.



This preview shows how white text looks on a background with the CIELCh color 70, 63.185, 95.579.

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

70, 63.185, 95.579

Protanopia

70, 63.185, 95.579

Deuteranopia

70, 62.725, 81.385



Tritanopia
70, 17.240, 356.837

Trichromacy



Original Color
70, 63.185, 95.579

Protanomaly
70, 63.185, 95.579

Deuteranomaly
70, 62.712, 86.624

Tritanomaly
70, 24.965, 73.124

Monochromacy



Original Color
70, 63.185, 95.579

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 25.232, 100.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 63.185, 95.579 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(192, 172, 46)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 46)  
}
```

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(192, 172, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 63.185, 95.579 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(192, 172, 46) }
```

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

```
.border{ border-color:rgb(192, 172, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 46);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 63.185, 95.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 46) }
```

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

```
.background{ background-color: rgb(192,  
172, 46) }
```

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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