

Converting Colors

CIELCh(72, 58.585, 96.932)

Have a look what the booklet for
CIELCh(72, 58.585, 96.932) contains.

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Color

CIELCh(72, 58.532, 96.965)

Conversions

Conversions Part 1

Format	Color
Hex	C3B240
RGB	195, 178, 64
RGB Percent	76%, 70%, 25%
CMY	0.2365, 0.3030, 0.7501
CMYK	0.00, 0.09, 0.67, 0.24
HSL	52°, 52%, 51%
HSV	52°, 67%, 76%
XYZ	39.2104, 43.6590, 11.1695
YIQ	170.0870, 46.7260, -31.8500

Conversions

Conversions Part 2

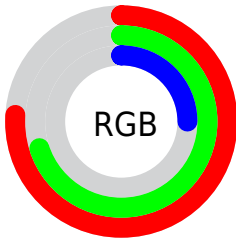
Format	Color
RYB	84, 195, 64
Decimal	12825152
CIELab	72.00, -7.10, 58.10
CIElCh	72, 58.532, 96.965
Yxy	43.6590, 0.4170, 0.4643
Android (android.graphics.Color)	4291015232 (0xFFC3B240)
YUV	170.0870, -52.3009, 21.8487
Hunter-Lab	66.0750, -9.7052, 36.2300

Details

The CIELCh color **72, 58.532, 96.965** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **39, 68.940, 296.477**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 58.136, 96.859**, and **52, 57.780, 97.112** is the 20% darker color. If you saturate the color by 10%, you get **71, 64.914, 95.932**, and if you desaturate by 10%, it is **73, 50.927, 98.040**.

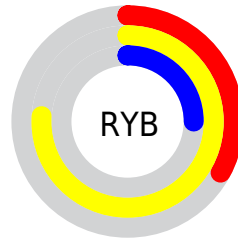
Distribution



Red (76%)

Green (70%)

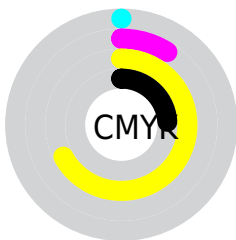
Blue (25%)



Red (33%)

Yellow (76%)

Blue (25%)

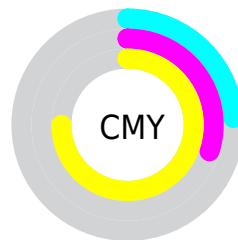


Cyan (0%)

Magenta (9%)

Yellow (67%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 58.532, 96.965 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 72, 58.532, 96.965 by changing the saturation by 10% instead.

 72, 58.532, 96.965

 72, 58.532, 96.965

 100, 58.532,
96.965

 62, 58.532, 96.965

 92, 58.532, 96.965

 52, 58.532, 96.965

 42, 58.532, 96.965

 32, 58.532, 96.965

 22, 58.532, 96.965

 12, 58.532, 96.965

 2, 58.532, 96.965

 0, 58.532, 96.965

 72, 58.532, 96.965

 72, 58.532, 96.965

71, 64.914, 95.932

73, 50.927, 98.040

70, 69.491, 94.932

74, 42.574, 99.140

70, 71.874, 93.947

75, 33.797,
100.254

70, 72.362, 93.681

76, 24.802,
101.368

77, 15.712,
102.468

78, 6.602, 103.540

79, 2.487, 284.657

80, 11.528,
285.636

81, 20.506,
286.607

Harmonies

Complementary

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



72, 58.532, 96.965



39, 68.940, 296.477

Rectangle

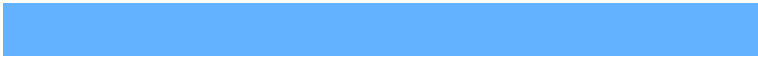
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 58.532, 96.965



72, 58.532, 146.965



72, 58.532, 276.965



72, 58.532, 326.965

Sweetspot

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



72, 58.532, 96.968



96, 22.472, 102.136



47, 56.619, 19.997



52, 15.456, 101.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 58.532, 96.968



90, 82.021, 95.429



73, 68.081, 121.256



40, 5.132, 103.320



58, 62.822, 93.824



11, 15.852, 98.728

Inverse Universe

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



39, 68.940, 296.477



42, 104.335, 300.487



40, 78.433, 308.787



38, 5.213, 285.391



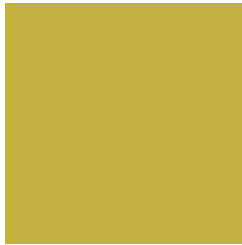
20, 87.804, 304.156



2, 17.698, 287.435

Previews

White Background



This preview shows how the CIELCh color 72, 58.532, 96.965 looks on a white background.

Color Contrast Check

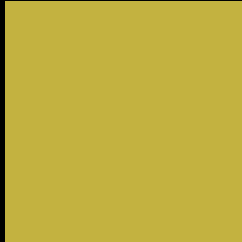
Large Text (above 18pt) WCAG AA × Fail

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 72, 58.532, 96.965 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 72, 58.532, 96.965

Background



This preview shows how black text looks on a background with the CIELCh color 72, 58.532, 96.965.



This preview shows how white text looks on a background with the CIELCh color 72, 58.532, 96.965.

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

72, 58.532, 96.965

Protanopia

72, 58.756, 95.634

Deuteranopia

72, 58.187, 80.978



Tritanopia
72, 16.081, 354.933

Trichromacy



Original Color
72, 58.532, 96.965

Protanomaly
72, 58.679, 96.065

Deuteranomaly
72, 57.774, 86.947

Tritanomaly
72, 22.184, 73.080

Monochromacy



Original Color
72, 58.532, 96.965

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 22.880, 101.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 58.532, 96.965 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(195, 178, 64)` looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 64)  
}
```

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(195, 178, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 58.532, 96.965 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(195, 178, 64) }
```

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

```
.border{ border-color:rgb(195, 178, 64) }
```

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

Here you see how a box with a 4 pixel rgb(195, 178, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 178, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 178, 64);  
box-shadow:4px 4px 4px 4px rgb(195, 178,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 58.532, 96.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 64) }
```

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

```
.background{ background-color: rgb(195,  
178, 64) }
```

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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