

Converting Colors

CIELCh(58, 56.207, 72.859)

Have a look what the booklet for
CIELCh(58, 56.207, 72.859) contains.

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Color

CIELCh(58, 56.090, 73.142)

Conversions

Conversions Part 1

Format	Color
Hex	BC7F28
RGB	188, 127, 40
RGB Percent	74%, 50%, 16%
CMY	0.2634, 0.5025, 0.8438
CMYK	0.00, 0.32, 0.79, 0.26
HSL	35°, 65%, 45%
HSV	35°, 79%, 74%
XYZ	28.6460, 25.9610, 5.4944
YIQ	135.3210, 64.2830, -14.1250

Conversions

Conversions Part 2

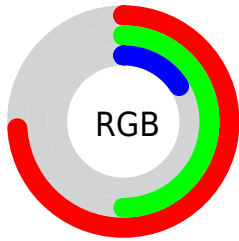
Format	Color
RYB	144, 188, 40
Decimal	12353320
CIELab	58.00, 16.27, 53.68
CIELCh	58, 56.090, 73.142
Yxy	25.9610, 0.4766, 0.4320
Android (android.graphics.Color)	4290543400 (0xFFBC7F28)
YUV	135.3210, -46.9933, 46.1995
Hunter-Lab	50.9519, 11.1896, 29.2728

Details

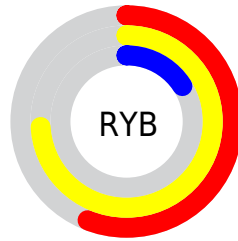
The CIELCh color **58, 56.090, 73.142** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **43, 52.760, 283.209**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 55.977, 73.411**, and **38, 50.154, 70.464** is the 20% darker color. If you saturate the color by 10%, you get **56, 61.663, 71.090**, and if you desaturate by 10%, it is **60, 49.289, 74.853**.

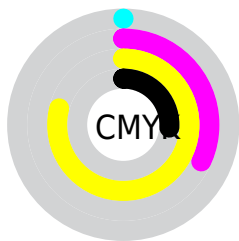
Distribution



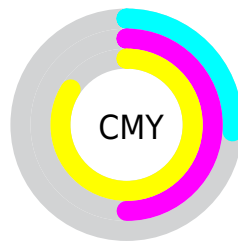
- Red (74%)
- Green (50%)
- Blue (16%)



- Red (56%)
- Yellow (74%)
- Blue (16%)



- Cyan (0%)
- Magenta (32%)
- Yellow (79%)
- Black (26%)



- Cyan (26%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 56.090, 73.142 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 58, 56.090, 73.142 by changing the saturation by 10% instead.

 58, 56.090, 73.142

 58, 56.090, 73.142

 100, 56.090,
73.142

 48, 56.090, 73.142

 78, 56.090, 73.142

 38, 56.090, 73.142

 88, 56.090, 73.142

 28, 56.090, 73.142

 98, 56.090, 73.142

 18, 56.090, 73.142

 8, 56.090, 73.142

 0, 56.090, 73.142

 58, 56.090, 73.142

 58, 56.090, 73.142

 56, 61.663, 71.090

 60, 49.289, 74.853

 54, 65.485, 68.540

 62, 41.936, 76.386

54, 65.945, 68.245

64, 34.436, 77.830

67, 27.001, 79.223

69, 19.732, 80.579

72, 12.671, 81.897

74, 5.829, 83.161

76, 0.801, 264.816

79, 7.233, 265.704

Harmonies

Complementary

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



58, 56.090, 73.142



43, 52.760, 283.209

Rectangle

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



58, 56.090, 73.142



58, 56.090, 123.142



58, 56.090, 253.142



58, 56.090, 303.142

Sweetspot

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



58, 56.089, 73.145



89, 20.258, 81.163



43, 61.163, 1.289



46, 13.991, 80.689



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 56.089, 73.145



70, 78.838, 69.082



73, 70.378, 107.883



39, 3.777, 83.091



46, 57.998, 68.733



6, 10.407, 69.898

Inverse Universe

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



43, 52.760, 283.209



49, 79.920, 290.319



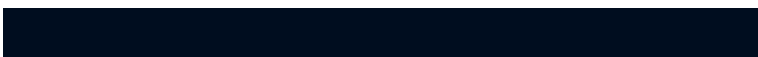
29, 90.383, 304.455



38, 3.743, 265.594



30, 59.075, 291.046



3, 12.576, 274.643

Previews

White Background



This preview shows how the CIELCh color 58, 56.090, 73.142 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 CIE LCh color 58, 56.090, 73.142 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 58, 56.090, 73.142

Background



This preview shows how black text looks on a background with the CIELCh color 58, 56.090, 73.142.



This preview shows how white text looks on a background with the CIELCh color 58, 56.090, 73.142.

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

58, 56.090, 73.142

Protanopia

58, 51.615, 95.267

Deuteranopia

58, 54.581, 82.095



Tritanopia
58, 31.004, 14.867

Trichromacy



Original Color
58, 56.090, 73.142

Protanomaly
58, 51.995, 86.744

Deuteranomaly
58, 54.794, 79.001

Tritanomaly
58, 35.304, 47.259

Monochromacy



Original Color
58, 56.090, 73.142

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 20.693, 80.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 56.090, 73.142 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(188, 127, 40)` looks like.

```
.text, #text, p{  
    color:rgb(188, 127, 40)  
}
```

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(188, 127, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 127, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 56.090, 73.142 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(188, 127, 40) }
```

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

```
.border{ border-color:rgb(188, 127, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 127, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 127, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 127, 40);  
box-shadow:4px 4px 4px 4px rgb(188, 127,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 56.090, 73.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 127, 40) }
```

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

```
.background{ background-color: rgb(188,  
127, 40) }
```

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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