

Converting Colors

CIELCh(72, 52.387, 101.612)

Have a look what the booklet for
CIELCh(72, 52.387, 101.612)
contains.

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Color

CIELCh(72, 52.393, 101.634)

Conversions

Conversions Part 1

Format	Color
Hex	BBB44F
RGB	187, 180, 79
RGB Percent	73%, 71%, 31%
CMY	0.2675, 0.2949, 0.6910
CMYK	0.00, 0.04, 0.58, 0.27
HSL	56°, 44%, 52%
HSV	56°, 58%, 73%
XYZ	38.1247, 43.6590, 13.7774
YIQ	170.5790, 36.5930, -29.9270

Conversions

Conversions Part 2

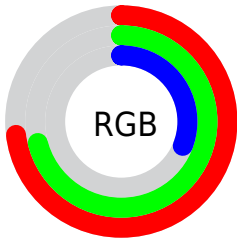
Format	Color
RYB	86, 187, 79
Decimal	12301391
CIELab	72.00, -10.57, 51.32
CIELCh	72, 52.393, 101.634
Yxy	43.6590, 0.3990, 0.4569
Android (android.graphics.Color)	4290491471 (0xFFBBB44F)
YUV	170.5790, -45.1484, 14.4012
Hunter-Lab	66.0750, -12.6383, 33.8898

Details

The CIELCh color **72, 52.393, 101.634** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **41, 60.844, 296.711**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 52.340, 101.922**, and **52, 52.262, 101.436** is the 20% darker color. If you saturate the color by 10%, you get **72, 59.888, 100.742**, and if you desaturate by 10%, it is **73, 44.050, 102.598**.

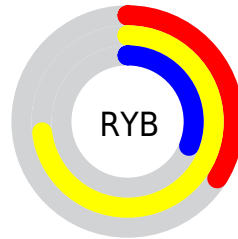
Distribution



Red (73%)

Green (71%)

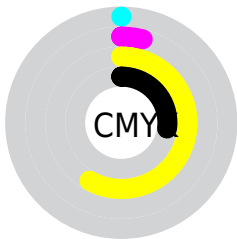
Blue (31%)



Red (34%)

Yellow (73%)

Blue (31%)

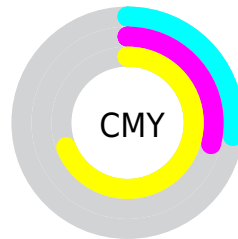


Cyan (0%)

Magenta (4%)

Yellow (58%)

Black (27%)



Cyan (27%)


Magenta (29%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 52.393, 101.634 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, 52.393, 101.634 by changing the saturation by 10% instead.


 72, 52.393,
101.634


 72, 52.393,
101.634


 100, 52.393,
101.634


 62, 52.393,
101.634


 92, 52.393,
101.634

 52, 52.393,
101.634

 42, 52.393,
101.634

 32, 52.393,
101.634

 22, 52.393,
101.634

 12, 52.393,
101.634

 2, 52.393, 101.634

0, 52.393, 101.634

72, 52.393,
101.634

72, 52.393,
101.634

72, 59.888,
100.742

73, 44.050,
102.598

71, 66.076, 99.941

73, 35.190,
103.602

71, 70.446, 99.255

74, 26.033,
104.625

70, 72.775, 98.682

70, 73.187, 98.563

74, 16.718,
105.652

75, 7.333, 106.663

76, 2.069, 287.712

77, 11.455,

288.646

■ 78, 20.803,
289.574

■ 79, 30.098,
290.464

Harmonies

Complementary

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



72, 52.393, 101.634



41, 60.844, 296.711

Rectangle

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



72, 52.393, 101.634



72, 52.393, 151.634



72, 52.393, 281.634



72, 52.393, 331.634

Sweetspot

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



72, 52.394, 101.637



94, 19.715, 105.706



48, 47.689, 22.070



50, 13.290, 105.500



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 52.394, 101.637



90, 74.695, 100.547



71, 58.905, 124.061



40, 5.367, 106.508



60, 64.733, 98.620



10, 15.539, 104.014

Inverse Universe

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



41, 60.844, 296.711



45, 91.512, 299.655



44, 65.232, 310.017



37, 5.470, 288.462



19, 90.505, 305.352



1, 16.621, 288.790

Previews

White Background



This preview shows how the CIELCh color 72, 52.393, 101.634 looks on a white background.

Color Contrast Check

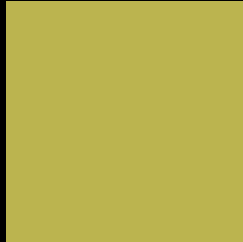
Large Text (above 18pt) WCAG AA × Fail

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, 52.393, 101.634 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, 52.393, 101.634

Background



This preview shows how black text looks on a background with the CIELCh color 72, 52.393, 101.634.



This preview shows how white text looks on a background with the CIELCh color 72, 52.393, 101.634.

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, 52.393, 101.634

Protanopia

72, 52.225, 95.772

Deuteranopia

72, 51.345, 79.718



Tritanopia
72, 12.712, 346.841

Trichromacy



Original Color
72, 52.393, 101.634

Protanomaly
72, 52.362, 97.742

Deuteranomaly
72, 50.627, 87.406

Tritanomaly
72, 17.748, 81.382

Monochromacy



Original Color
72, 52.393, 101.634

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 20.063, 105.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 52.393, 101.634 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(187, 180, 79)` looks like.

```
.text, #text, p{  
    color:rgb(187, 180, 79)  
}
```

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(187, 180, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 180, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 52.393, 101.634 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(187, 180, 79) }
```

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

```
.border{ border-color:rgb(187, 180, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 180, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 180, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 180, 79);  
box-shadow:4px 4px 4px 4px rgb(187, 180,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 52.393, 101.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 180, 79) }
```

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

```
.background{ background-color: rgb(187,  
180, 79) }
```

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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