

Converting Colors

CIELCh(72, 56.595, 104.627)

Have a look what the booklet for
CIELCh(72, 56.595, 104.627)
contains.

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Color

CIELCh(72, 56.662, 104.600)

Conversions

Conversions Part 1

Format	Color
Hex	B6B647
RGB	182, 182, 71
RGB Percent	71%, 71%, 28%
CMY	0.2878, 0.2877, 0.7229
CMYK	0.00, 0.00, 0.61, 0.29
HSL	60°, 44%, 49%
HSV	60°, 61%, 71%
XYZ	36.9833, 43.6590, 12.3803
YIQ	169.3460, 35.6310, -34.5210

Conversions

Conversions Part 2

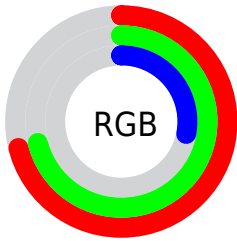
Format	Color
RYB	71, 182, 71
Decimal	11974215
CIELab	72.00, -14.28, 54.83
CIELCh	72, 56.662, 104.600
Yxy	43.6590, 0.3976, 0.4693
Android (android.graphics.Color)	4290164295 (0xFFB6B647)
YUV	169.3460, -48.4846, 11.0976
Hunter-Lab	66.0750, -15.7217, 35.1435

Details

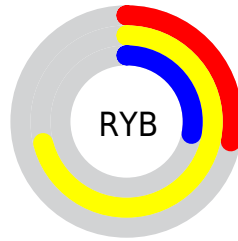
The CIELCh color **72, 56.662, 104.600** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **36, 67.932, 299.727**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 56.795, 104.773**, and **52, 56.488, 104.532** is the 20% darker color. If you saturate the color by 10%, you get **72, 63.823, 103.916**, and if you desaturate by 10%, it is **72, 48.445, 105.405**.

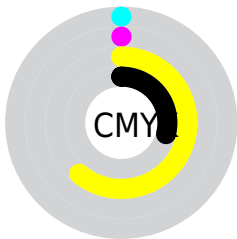
Distribution



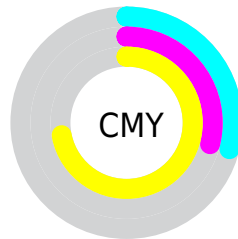
- Red (71%)
- Green (71%)
- Blue (28%)



- Red (28%)
- Yellow (71%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (61%)
- Black (29%)




- Cyan (29%)
- Magenta (29%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 56.662, 104.600 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, 56.662, 104.600 by changing the saturation by 10% instead.


 72, 56.662,
104.600


 72, 56.662,
104.600


 100, 56.662,
104.600


 62, 56.662,
104.600

 92, 56.662,
104.600

 52, 56.662,
104.600

 42, 56.662,
104.600

 32, 56.662,
104.600

 22, 56.662,
104.600

 12, 56.662,
104.600

 2, 56.662, 104.600

0, 56.662, 104.600

72, 56.662,
104.600

72, 56.662,
104.600

72, 63.823,
103.916

72, 48.445,
105.405

72, 69.474,
103.385

72, 39.537,
106.286

72, 73.207,
103.040

73, 30.201,
107.215

72, 75.121,
102.865

73, 20.610,
108.168

73, 10.877,
109.126

74, 1.075, 110.027

■ 74, 8.749, 291.021

■ 75, 18.562,
291.920

■ 76, 28.343,
292.787

Harmonies

Complementary

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



72, 56.662, 104.600



36, 67.932, 299.727

Rectangle

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



72, 56.662, 104.600



72, 56.662, 154.600



72, 56.662, 284.600



72, 56.662, 334.600

Sweetspot

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



72, 56.663, 104.602



93, 21.856, 108.437



45, 50.833, 27.633



50, 15.293, 108.158



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 56.663, 104.602



91, 80.328, 103.731



68, 61.569, 126.422



39, 5.600, 109.293



62, 66.992, 102.865



10, 15.132, 108.852

Inverse Universe

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



36, 67.932, 299.727



39, 102.027, 302.589



42, 67.457, 312.107



35, 5.722, 291.142



17, 92.503, 306.288



1, 15.385, 290.303

Previews

White Background



This preview shows how the CIELCh color 72, 56.662, 104.600 looks on a white background.

Color Contrast Check

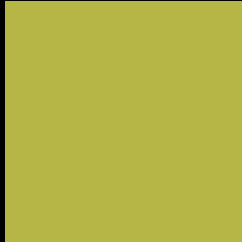
Large Text (above 18pt) WCAG AA × Fail

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 72, 56.662, 104.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

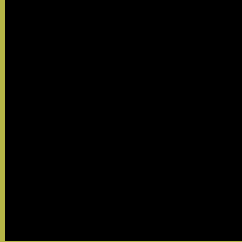
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 56.662, 104.600

Background



This preview shows how black text looks on a background with the CIELCh color 72, 56.662, 104.600.



This preview shows how white text looks on a background with the CIELCh color 72, 56.662, 104.600.

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, 56.662, 104.600

Protanopia
72, 56.262, 95.527

Deuteranopia
72, 54.620, 80.360



Tritanopia
72, 11.245, 337.782

Trichromacy



Original Color
72, 56.662, 104.600

Protanomaly
72, 56.141, 99.196

Deuteranomaly
72, 54.181, 89.603

Tritanomaly
72, 17.751, 89.866

Monochromacy



Original Color
72, 56.662, 104.600

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 22.195, 107.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 56.662, 104.600 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(182, 182, 71)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 71)  
}
```

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(182, 182, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 56.662, 104.600 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(182, 182, 71) }
```

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

```
.border{ border-color:rgb(182, 182, 71) }
```

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

Here you see how a box with a 4 pixel rgb(182, 182, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 71);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 56.662, 104.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 71) }
```

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

```
.background{ background-color: rgb(182,  
182, 71) }
```

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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