

Converting Colors

CIELCh(72, 53.545, 106.544)

Have a look what the booklet for
CIELCh(72, 53.545, 106.544)
contains.

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Color

CIELCh(72, 53.608, 106.291)

Conversions

Conversions Part 1

Format	Color
Hex	B3B64E
RGB	179, 182, 78
RGB Percent	70%, 71%, 31%
CMY	0.2975, 0.2858, 0.6936
CMYK	0.02, 0.00, 0.57, 0.29
HSL	62°, 42%, 51%
HSV	62°, 57%, 71%
XYZ	36.7542, 43.6590, 13.7203
YIQ	169.2470, 31.5960, -32.9800

Conversions

Conversions Part 2

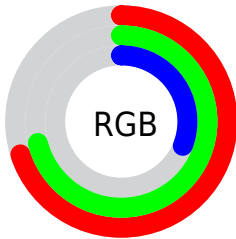
Format	Color
RYB	78, 182, 81
Decimal	11777614
CIELab	72.00, -15.04, 51.46
CIELCh	72, 53.608, 106.291
Yxy	43.6590, 0.3904, 0.4638
Android (android.graphics.Color)	4289967694 (0xFFB3B64E)
YUV	169.2470, -44.9848, 8.5534
Hunter-Lab	66.0750, -16.3405, 33.9411

Details

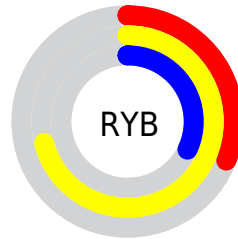
The CIELCh color **72, 53.608, 106.291** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **39, 63.154, 299.483**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 53.543, 106.294**, and **52, 53.348, 106.001** is the 20% darker color. If you saturate the color by 10%, you get **72, 61.262, 105.612**, and if you desaturate by 10%, it is **72, 45.058, 107.083**.

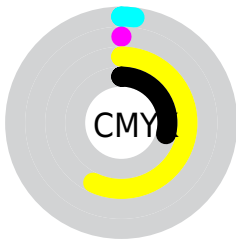
Distribution



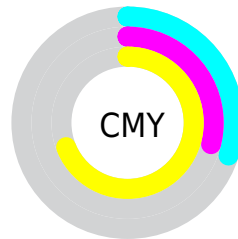
- Red (70%)
- Green (71%)
- Blue (31%)



- Red (31%)
- Yellow (71%)
- Blue (32%)



- Cyan (2%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)





- Cyan (30%)
- Magenta (29%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 53.608, 106.291 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, 53.608, 106.291 by changing the saturation by 10% instead.


 72, 53.608,
106.291


 72, 53.608,
106.291


 100, 53.608,
106.291


 62, 53.608,
106.291


 92, 53.608,
106.291

 52, 53.608,
106.291

 42, 53.608,
106.291

 32, 53.608,
106.291

 22, 53.608,
106.291

 12, 53.608,
106.291

 2, 53.608, 106.291

0, 53.608, 106.291

72, 53.608,
106.291

72, 53.608,
106.291

72, 61.262,
105.612

72, 45.058,
107.083

72, 67.592,
105.086

73, 35.933,
107.943

72, 72.148,
104.760

73, 26.456,
108.842

71, 74.729,
104.651

73, 16.774,
109.756

71, 75.324,
104.636

74, 6.982, 110.666

74, 2.859, 291.590

75, 12.708,

292.451

■ 75, 22.536,
293.293

■ 76, 32.323,
294.099

Harmonies

Complementary

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



72, 53.608, 106.291



39, 63.154, 299.483

Rectangle

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



72, 53.608, 106.291



72, 53.608, 156.291



72, 53.608, 286.291



72, 53.608, 336.291

Sweetspot

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



72, 53.609, 106.293



93, 20.658, 109.739



47, 46.647, 27.557



50, 13.919, 109.557



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, 53.609, 106.293



91, 77.217, 105.433



69, 58.396, 127.115



39, 5.602, 110.464



62, 67.040, 104.614



10, 15.163, 110.726

Inverse Universe

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



39, 63.154, 299.483



42, 96.145, 302.141



44, 63.320, 312.427



35, 5.725, 292.222



18, 92.345, 306.392



1, 15.390, 291.133

Previews

White Background



This preview shows how the CIELCh color 72, 53.608, 106.291 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, 53.608, 106.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

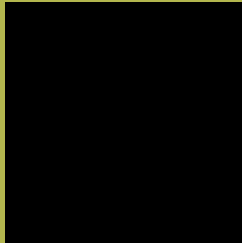
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 53.608, 106.291

Background



This preview shows how black text looks on a background with the CIELCh color 72, 53.608, 106.291.



This preview shows how white text looks on a background with the CIELCh color 72, 53.608, 106.291.

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, 53.608, 106.291

Protanopia

72, 53.125, 95.825

Deuteranopia

72, 51.345, 79.718



Tritanopia
72, 10.055, 335.587

Trichromacy



Original Color
72, 53.608, 106.291

Protanomaly
72, 53.020, 99.688

Deuteranomaly
72, 50.464, 89.453

Tritanomaly
72, 16.849, 93.310

Monochromacy



Original Color
72, 53.608, 106.291

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 20.594, 109.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 53.608, 106.291 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(179, 182, 78)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 78)  
}
```

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(179, 182, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 53.608, 106.291 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(179, 182, 78) }
```

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

```
.border{ border-color:rgb(179, 182, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 78);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 53.608, 106.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 78) }
```

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

```
.background{ background-color: rgb(179,  
182, 78) }
```

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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