

Converting Colors

CIELCh(71, 55.361, 104.649)

Have a look what the booklet for
CIELCh(71, 55.361, 104.649)
contains.

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Color

CIELCh(71, 55.406, 104.655)

Conversions

Conversions Part 1

Format	Color
Hex	B3B347
RGB	179, 179, 71
RGB Percent	70%, 70%, 28%
CMY	0.2987, 0.2987, 0.7222
CMYK	0.00, 0.00, 0.60, 0.30
HSL	60°, 43%, 49%
HSV	60°, 60%, 70%
XYZ	35.7673, 42.1875, 12.1914
YIQ	166.6880, 34.6680, -33.5880

Conversions

Conversions Part 2

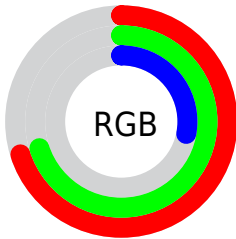
Format	Color
RYB	71, 179, 71
Decimal	11776839
CIELab	71.00, -14.02, 53.60
CIELCh	71, 55.406, 104.655
Yxy	42.1875, 0.3968, 0.4680
Android (android.graphics.Color)	4289966919 (0xFFB3B347)
YUV	166.6880, -47.1742, 10.7976
Hunter-Lab	64.9519, -15.3705, 34.3376

Details

The CIELCh color **71, 55.406, 104.655** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **36, 66.207, 299.554**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 55.496, 104.815**, and **51, 55.613, 105.078** is the 20% darker color. If you saturate the color by 10%, you get **71, 62.574, 103.961**, and if you desaturate by 10%, it is **71, 47.228, 105.466**.

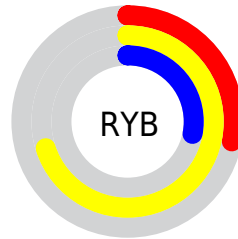
Distribution



Red (70%)

Green (70%)

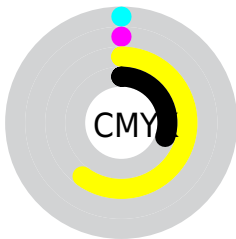
Blue (28%)



Red (28%)

Yellow (70%)

Blue (28%)

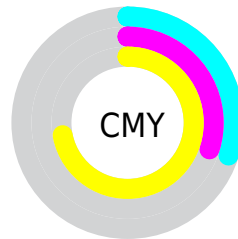


Cyan (0%)

Magenta (0%)

Yellow (60%)

Black (30%)



Cyan (30%)


Magenta (30%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 55.406, 104.655 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 71, 55.406, 104.655 by changing the saturation by 10% instead.


 71, 55.406,
104.655


 71, 55.406,
104.655


 100, 55.406,
104.655


 61, 55.406,
104.655


 91, 55.406,
104.655

 51, 55.406,
104.655

 41, 55.406,
104.655

 31, 55.406,
104.655

 21, 55.406,
104.655

 11, 55.406,
104.655

 1, 55.406, 104.655

0, 55.406, 104.655

71, 55.406,
104.655

71, 55.406,
104.655

71, 62.574,
103.961

71, 47.228,
105.466

71, 68.290,
103.416

71, 38.392,
106.351

71, 72.140,
103.056

72, 29.150,
107.282

71, 74.256,
102.860

72, 19.666,
108.236

72, 10.049,
109.192

73, 0.368, 109.986

■ 73, 9.332, 291.082

■ 74, 19.020,
291.978

■ 75, 28.675,
292.842

Harmonies

Complementary

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



71, 55.406, 104.655



36, 66.207, 299.554

Rectangle

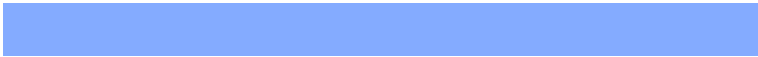
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 55.406, 104.655



71, 55.406, 154.655



71, 55.406, 284.655



71, 55.406, 334.655

Sweetspot

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



71, 55.407, 104.657



91, 21.474, 108.435



45, 49.527, 27.426



49, 15.026, 108.159



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 55.407, 104.657



90, 78.213, 103.790



67, 60.181, 126.441



38, 5.471, 109.293



61, 66.185, 102.860



8, 13.294, 110.089

Inverse Universe

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



36, 66.207, 299.554



39, 98.856, 302.355



41, 65.853, 312.074



34, 5.590, 291.135



17, 91.389, 306.288



1, 13.317, 290.182

Previews

White Background



This preview shows how the CIELCh color 71, 55.406, 104.655 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 71, 55.406, 104.655 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 71, 55.406, 104.655

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.406, 104.655.



This preview shows how white text looks on a background with the CIELCh color 71, 55.406, 104.655.

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

71, 55.406, 104.655

Protanopia

71, 55.021, 95.354

Deuteranopia

71, 53.229, 80.214



Tritanopia
71, 10.632, 338.544

Trichromacy



Original Color
71, 55.406, 104.655

Protanomaly
71, 54.888, 99.115

Deuteranomaly
71, 52.940, 89.264

Tritanomaly
71, 17.660, 91.092

Monochromacy



Original Color
71, 55.406, 104.655

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 21.188, 108.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.406, 104.655 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, 179, 71)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 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(179, 179, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.406, 104.655 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, 179, 71) }
```

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

```
.border{ border-color:rgb(179, 179, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 71);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.406, 104.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 71) }
```

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

```
.background{ background-color: rgb(179,  
179, 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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