

Converting Colors

CIELCh(75, 54.913, 109.458)

Have a look what the booklet for
CIELCh(75, 54.913, 109.458)
contains.

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Color

CIELCh(75, 54.913, 109.458)

Conversions

Conversions Part 1

Format	Color
Hex	B6C055
RGB	182, 192, 85
RGB Percent	71%, 75%, 33%
CMY	0.2864, 0.2472, 0.6668
CMYK	0.05, 0.00, 0.56, 0.25
HSL	66°, 46%, 54%
HSV	66°, 56%, 75%
XYZ	39.7618, 48.2781, 15.8097
YIQ	176.8120, 28.3870, -35.3970

Conversions

Conversions Part 2

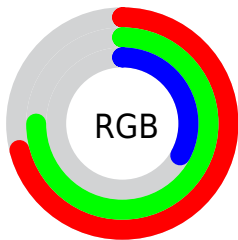
Format	Color
RYB	85, 192, 95
Decimal	11976789
CIELab	75.00, -18.29, 51.78
CIELCh	75, 54.913, 109.458
Yxy	48.2781, 0.3829, 0.4649
Android (android.graphics.Color)	4290166869 (0xFFB6C055)
YUV	176.8120, -45.2633, 4.5499
Hunter-Lab	69.4824, -19.4466, 35.1471

Details

The CIELCh color **75, 54.913, 109.458** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **42, 64.129, 300.756**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 54.754, 109.261**, and **55, 55.203, 109.385** is the 20% darker color. If you saturate the color by 10%, you get **75, 63.071, 108.882**, and if you desaturate by 10%, it is **75, 45.870, 110.159**.

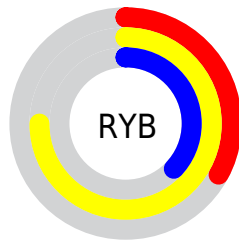
Distribution



Red (71%)

Green (75%)

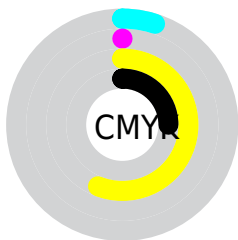
Blue (33%)



Red (33%)

Yellow (75%)

Blue (37%)

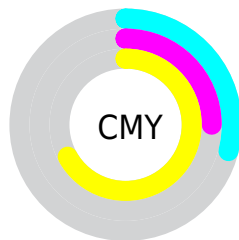


Cyan (5%)

Magenta (0%)

Yellow (56%)

Black (25%)



Cyan (29%)


Magenta (25%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 54.913, 109.458 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 75, 54.913, 109.458 by changing the saturation by 10% instead.


 75, 54.913,
109.458

 75, 54.913,
109.458


 100, 54.913,
109.458


 65, 54.913,
109.458


 95, 54.913,
109.458


 55, 54.913,
109.458

 45, 54.913,
109.458

 35, 54.913,
109.458

 25, 54.913,
109.458

 15, 54.913,
109.458

 5, 54.913, 109.458

0, 54.913, 109.458

75, 54.913,
109.458

75, 54.913,
109.458

75, 63.071,
108.882

75, 45.870,
110.159

74, 69.909,
108.486

76, 36.262,
110.932

74, 74.950,
108.336

76, 26.309,
111.744

74, 77.881,
108.479

77, 16.157,
112.568

74, 78.769,
108.588

77, 5.900, 113.386

78, 4.401, 294.199

79, 14.701,

294.970

■ 79, 24.971,
295.712

■ 80, 33.742,
296.458

Harmonies

Complementary

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



75, 54.913, 109.458



42, 64.129, 300.756

Rectangle

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



75, 54.913, 109.458



75, 54.913, 159.458



75, 54.913, 289.458



75, 54.913, 339.458

Sweetspot

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



75, 54.914, 109.460



97, 21.609, 112.442



52, 45.152, 31.473



52, 14.441, 112.275



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 54.914, 109.460



95, 79.015, 108.771



72, 60.759, 129.391



41, 5.873, 113.091



63, 69.023, 108.515



12, 18.745, 112.402

Inverse Universe

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



42, 64.129, 300.756



46, 96.954, 302.876



48, 64.780, 314.395



37, 6.001, 294.665



19, 94.199, 306.630



1, 19.518, 293.664

Previews

White Background



This preview shows how the CIELCh color 75, 54.913, 109.458 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 75, 54.913, 109.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

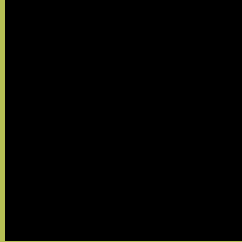
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 54.913, 109.458

Background



This preview shows how black text looks on a background with the CIELCh color 75, 54.913, 109.458.




This preview shows how white text looks on a background with the CIELCh color 75, 54.913, 109.458.

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





Tritanopia
75, 9.643, 323.003

Trichromacy



Original Color
75, 54.913, 109.458

Protanomaly
75, 53.646, 100.860

Deuteranomaly
75, 50.832, 90.898

Tritanomaly
75, 15.751, 100.011

Monochromacy



Original Color
75, 54.913, 109.458

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 20.470, 111.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 54.913, 109.458 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, 192, 85)` looks like.

```
.text, #text, p{  
    color:rgb(182, 192, 85)  
}
```

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, 192, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 192, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 54.913, 109.458 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, 192, 85) }
```

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

```
.border{ border-color:rgb(182, 192, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 192, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 192, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 192, 85);  
box-shadow:4px 4px 4px 4px rgb(182, 192,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 54.913, 109.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 192, 85) }
```

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

```
.background{ background-color: rgb(182,  
192, 85) }
```

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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