

Converting Colors

CIELCh(75, 57.480, 115.064)

Have a look what the booklet for
CIELCh(75, 57.480, 115.064)
contains.

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Color

CIELCh(75, 57.441, 115.056)

Conversions

Conversions Part 1

Format	Color
Hex	ABC354
RGB	171, 195, 84
RGB Percent	67%, 76%, 33%
CMY	0.3298, 0.2356, 0.6709
CMYK	0.12, 0.00, 0.57, 0.24
HSL	73°, 48%, 55%
HSV	73°, 57%, 76%
XYZ	37.8678, 48.2781, 15.6933
YIQ	175.1700, 21.3270, -39.6090

Conversions

Conversions Part 2

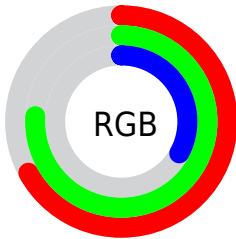
Format	Color
RYB	84, 195, 108
Decimal	11256660
CIELab	75.00, -24.33, 52.04
CIELCh	75, 57.441, 115.056
Yxy	48.2781, 0.3718, 0.4741
Android (android.graphics.Color)	4289446740 (0xFFABC354)
YUV	175.1700, -44.9468, -3.6571
Hunter-Lab	69.4824, -24.3120, 35.2465

Details

The CIELCh color **75, 57.441, 115.056** 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 **43, 66.367, 303.997**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 57.713, 115.277**, and **55, 57.265, 115.006** is the 20% darker color. If you saturate the color by 10%, you get **75, 65.755, 114.698**, and if you desaturate by 10%, it is **76, 48.206, 115.574**.

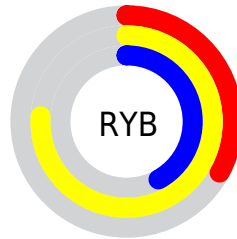
Distribution



Red (67%)

Green (76%)

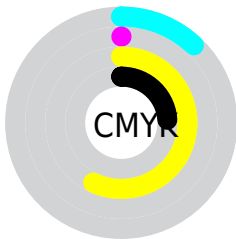
Blue (33%)



Red (33%)

Yellow (76%)

Blue (42%)

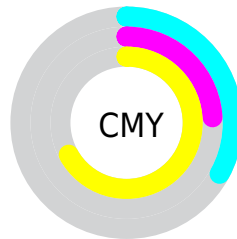


Cyan (12%)

Magenta (0%)

Yellow (57%)

Black (24%)



Cyan (33%)


Magenta (24%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 57.441, 115.056 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, 57.441, 115.056 by changing the saturation by 10% instead.


 75, 57.441,
115.056

 75, 57.441,
115.056


 100, 57.441,
115.056


 65, 57.441,
115.056


 95, 57.441,
115.056

 55, 57.441,
115.056

 45, 57.441,
115.056

 35, 57.441,
115.056

 25, 57.441,
115.056

 15, 57.441,
115.056

 5, 57.441, 115.056

0, 57.441, 115.056

75, 57.441,
115.056

75, 57.441,
115.056

75, 65.755,
114.698

76, 48.206,
115.574

74, 72.705,
114.580

76, 38.381,
116.182

74, 77.816,
114.799

77, 28.196,
116.836

73, 80.851,
115.415

77, 17.804,
117.506

73, 81.587,
115.634

78, 7.306, 118.171

79, 3.227, 298.809

80, 13.749,

299.432

■ 81, 24.226,
300.018

■ 82, 32.360,
300.994

Harmonies

Complementary

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



75, 57.441, 115.056



43, 66.367, 303.997

Rectangle

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



75, 57.441, 115.056



75, 57.441, 165.056



75, 57.441, 295.056



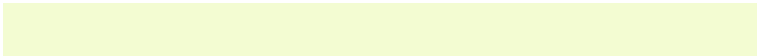
75, 57.441, 345.056

Sweetspot

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



75, 57.442, 115.058



97, 22.032, 117.484



55, 43.467, 40.259



52, 14.848, 117.347



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 57.442, 115.058



94, 81.819, 114.650



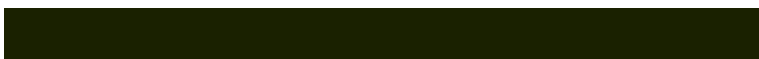
72, 64.906, 132.850



41, 5.935, 118.011



61, 70.640, 115.469



11, 19.209, 119.447

Inverse Universe

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



43, 66.367, 303.997



48, 98.591, 305.432



49, 67.518, 318.019



38, 6.056, 299.262



20, 93.000, 307.478



1, 19.627, 296.961

Previews

White Background



This preview shows how the CIELCh color 75, 57.441, 115.056 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, 57.441, 115.056 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, 57.441, 115.056

Background



This preview shows how black text looks on a background with the CIELCh color 75, 57.441, 115.056.



This preview shows how white text looks on a background with the CIELCh color 75, 57.441, 115.056.

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
75, 57.441, 115.056

Protanopia
75, 54.367, 95.701

Deuteranopia
75, 51.471, 79.135



Tritanopia
75, 8.124, 293.484

Trichromacy



Original Color
75, 57.441, 115.056

Protanomaly
75, 54.839, 103.117

Deuteranomaly
74, 50.829, 92.884

Tritanomaly
75, 16.410, 119.580

Monochromacy



Original Color
75, 57.441, 115.056

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 21.758, 116.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 57.441, 115.056 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(171, 195, 84)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 84)  
}
```

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(171, 195, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 57.441, 115.056 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(171, 195, 84) }
```

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

```
.border{ border-color:rgb(171, 195, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 195, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 195, 84); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 195, 84); box-shadow:4px 4px 4px 4px rgb(171, 195, 84) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 57.441, 115.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 84) }
```

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

```
.background{ background-color: rgb(171,  
195, 84) }
```

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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