

Converting Colors

CIELCh(57, 40.907, 354.905)

Have a look what the booklet for
CIELCh(57, 40.907, 354.905)
contains.

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Color

CIELCh(57, 40.761, 355.409)

Conversions

Conversions Part 1

Format	Color
Hex	C86C90
RGB	200, 108, 144
RGB Percent	78%, 42%, 56%
CMY	0.2167, 0.5774, 0.4362
CMYK	0.00, 0.46, 0.28, 0.22
HSL	337°, 45%, 60%
HSV	337°, 46%, 78%
XYZ	34.1005, 24.9227, 29.3020
YIQ	139.6120, 43.2760, 30.7000

Conversions

Conversions Part 2

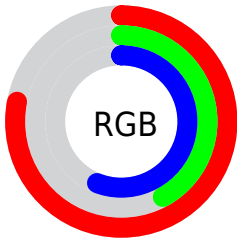
Format	Color
R _Y B	200, 108, 144
Decimal	13134992
CIE Lab	57.00, 40.63, -3.26
CIE LCh	57, 40.761, 355.409
Yxy	24.9227, 0.3861, 0.2822
Android (android.graphics.Color)	4291325072 (0xFFC86C90)
YUV	139.6120, 2.1633, 52.9603
Hunter-Lab	49.9226, 34.5628, 0.1456

Details

The CIELCh color $57, 40.761, 355.409$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $74, 37.162, 165.057$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 39.849, 353.914$, and $37, 40.790, 355.487$ is the 20% darker color. If you saturate the color by 10%, you get $53, 49.098, 357.280$, and if you desaturate by 10%, it is $62, 31.910, 353.868$.

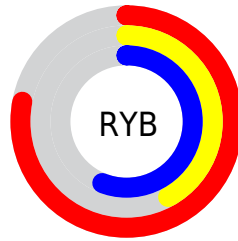
Distribution



Red (78%)

Green (42%)

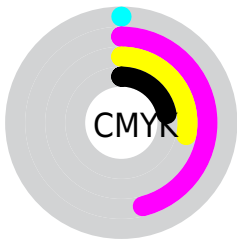
Blue (56%)



Red (78%)

Yellow (42%)

Blue (56%)

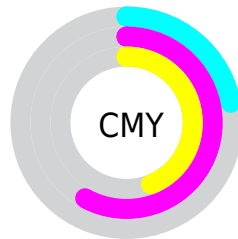


Cyan (0%)

Magenta (46%)

Yellow (28%)

Black (22%)



Cyan (22%)


Magenta (58%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 40.761, 355.409 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 57, 40.761, 355.409 by changing the saturation by 10% instead.


 57, 40.761,
355.409


 57, 40.761,
355.409


 100, 40.761,
355.409


 47, 40.761,
355.409


 77, 40.761,
355.409

 37, 40.761,
355.409

 87, 40.761,
355.409

 27, 40.761,
355.409

 97, 40.761,
355.409

 17, 40.761,
355.409

 7, 40.761, 355.409

 0, 40.761, 355.409

57, 40.761,
355.409

57, 40.761,
355.409

53, 49.098,
357.280

62, 31.910,
353.868

49, 56.510,
359.600

67, 22.888,
352.565

46, 62.561, 2.529

72, 13.925,
351.435

44, 66.957, 6.243

77, 5.167, 350.401

43, 69.749, 10.871

83, 3.307, 169.751

42, 70.721, 12.817

88, 11.459,
168.873

94, 19.283,
168.148

96, 20.142,
177.232

■ 96, 18.296,
195.321

Harmonies

Complementary

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



57, 40.761, 355.409



74, 37.162, 165.057

Rectangle

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



57, 40.761, 355.409



57, 40.761, 45.409



57, 40.761, 175.409



57, 40.761, 225.409

Sweetspot

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



57, 40.758, 355.411



91, 14.774, 351.241



55, 55.475, 314.529



47, 10.232, 351.472



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 40.758, 355.411



67, 58.773, 357.228



58, 36.809, 31.323



39, 4.855, 350.745



34, 60.766, 11.960



4, 16.991, 359.372

Inverse Universe

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



57, 40.758, 355.411



67, 58.773, 357.228



72, 25.964, 208.747



39, 4.855, 350.745



34, 60.766, 11.960



4, 16.991, 359.372

Previews

White Background



This preview shows how the CIELCh color 57, 40.761, 355.409 looks on a white background.

Color Contrast Check

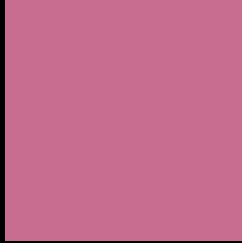
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 40.761, 355.409 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 × Fail

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

CIELCh 57, 40.761, 355.409

Background



This preview shows how black text looks on a background with the CIELCh color 57, 40.761, 355.409.



This preview shows how white text looks on a background with the CIELCh color 57, 40.761, 355.409.

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

57, 40.761, 355.409

Protanopia

57, 14.871, 286.351

Deuteranopia

57, 7.208, 351.899



Tritanopia
57, 36.346, 16.935

Trichromacy



Original Color
57, 40.761, 355.409

Protanomaly
57, 20.371, 327.307

Deuteranomaly
57, 19.585, 352.236

Tritanomaly
57, 37.646, 8.042

Monochromacy



Original Color
57, 40.761, 355.409

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 15.029, 351.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 40.761, 355.409 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(200, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 108, 144)  
}
```

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(200, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 108, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 40.761, 355.409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

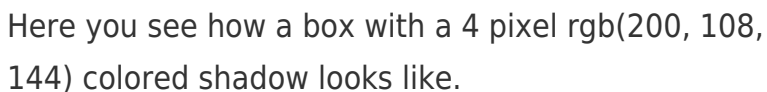
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 108, 144) }
```

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

```
.border{ border-color:rgb(200, 108, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 108,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 40.761, 355.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 108, 144) }
```

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

```
.background{ background-color: rgb(200,  
108, 144) }
```

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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