

Converting Colors

CIELCh(57, 75.723, 335.795)

Have a look what the booklet for
CIELCh(57, 75.723, 335.795)
contains.

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Color

CIELCh(57, 75.777, 335.818)

Conversions

Conversions Part 1

Format	Color
Hex	E04CC0
RGB	224, 76, 192
RGB Percent	88%, 30%, 75%
CMY	0.1204, 0.7008, 0.2460
CMYK	0.00, 0.66, 0.14, 0.12
HSL	313°, 71%, 59%
HSV	313°, 66%, 88%
XYZ	42.9818, 24.9227, 52.5732
YIQ	133.4760, 50.9720, 67.4520

Conversions

Conversions Part 2

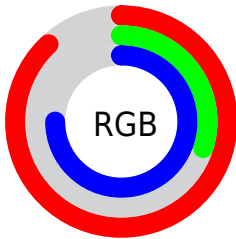
Format	Color
R_{YB}	224, 76, 192
Decimal	14699712
CIE _{Lab}	57.00, 69.13, -31.04
CIE _{LCh}	57, 75.777, 335.818
Yxy	24.9227, 0.3568, 0.2069
Android (android.graphics.Color)	4292889792 (0xFFE04CC0)
YUV	133.4760, 28.8523, 79.3895
Hunter-Lab	49.9226, 66.3183, -27.4921

Details

The CIELCh color **57, 75.777, 335.818** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **80, 77.423, 144.315**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 71.725, 328.428**, and **38, 73.505, 335.945** is the 20% darker color. If you saturate the color by 10%, you get **54, 82.593, 336.706**, and if you desaturate by 10%, it is **61, 66.781, 335.002**.

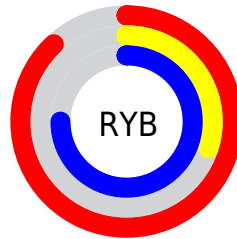
Distribution



Red (88%)

Green (30%)

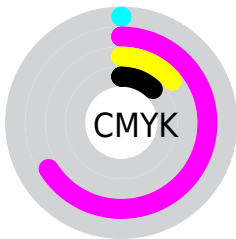
Blue (75%)



Red (88%)

Yellow (30%)

Blue (75%)

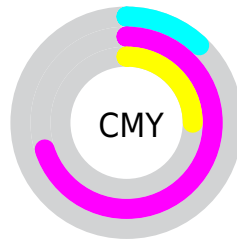


Cyan (0%)

Magenta (66%)

Yellow (14%)

Black (12%)



Cyan (12%)

Magenta (70%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 75.777, 335.818 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, 75.777, 335.818 by changing the saturation by 10% instead.

■ 57, 75.777,
335.818

■ 57, 75.777,
335.818

■ 100, 75.777,
335.818

■ 47, 75.777,
335.818

■ 77, 75.777,
335.818

■ 37, 75.777,
335.818

■ 87, 75.777,
335.818

■ 27, 75.777,
335.818

■ 97, 75.777,
335.818

■ 17, 75.777,
335.818

■ 7, 75.777, 335.818

■ 0, 75.777, 335.818

57, 75.777,
335.818

57, 75.777,
335.818

54, 82.593,
336.706

61, 66.781,
335.002

52, 86.823,
337.701

65, 56.175,
334.234

51, 88.385,
338.848

70, 44.515,
333.501

51, 88.565,
339.343


75, 32.273,
332.795

80, 19.807,
332.113

86, 7.365, 331.437

92, 4.889, 150.933

97, 16.406,
150.499

 97, 14.592,
156.795

Harmonies

Complementary

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



57, 75.777, 335.818



80, 77.423, 144.315

Rectangle

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



57, 75.777, 335.818



57, 75.777, 25.818



57, 75.777, 155.818



57, 75.777, 205.818

Sweetspot

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



57, 75.774, 335.818



87, 27.553, 332.395



44, 86.925, 304.788



45, 18.808, 332.588



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, 75.774, 335.818



60, 93.015, 337.048



55, 61.065, 6.755



44, 7.015, 331.675



40, 74.062, 339.123



7, 31.035, 336.987

Inverse Universe

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



57, 75.774, 335.818



60, 93.015, 337.048



81, 50.558, 168.155



44, 7.015, 331.675



40, 74.062, 339.123



7, 31.035, 336.987

Previews

White Background



This preview shows how the CIELCh color 57, 75.777, 335.818 looks on a white background.

Color Contrast Check

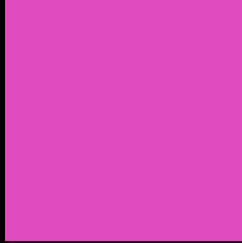
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.777, 335.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

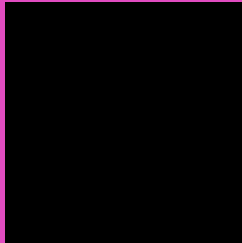
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 75.777, 335.818

Background



This preview shows how black text looks on a background with the CIELCh color 57, 75.777, 335.818.

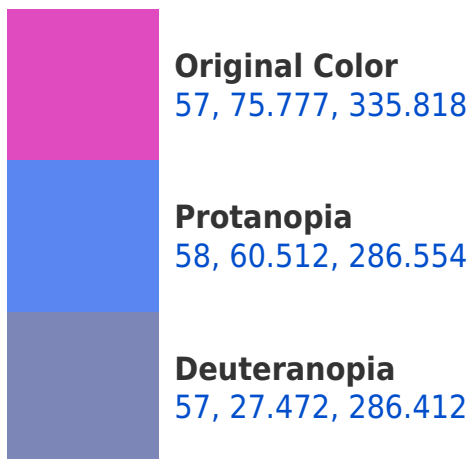


This preview shows how white text looks on a background with the CIELCh color 57, 75.777, 335.818.

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
57, 49.647, 21.631

Trichromacy



Original Color
57, 75.777, 335.818



Protanomaly
55, 63.528, 303.452



Deuteranomaly
55, 44.282, 315.879



Tritanomaly
56, 54.515, 359.624

Monochromacy



Original Color
57, 75.777, 335.818



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 31.429, 333.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 75.777, 335.818 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(224, 76, 192)` looks like.

```
.text, #text, p{  
    color:rgb(224, 76, 192)  
}
```

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(224, 76, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 76, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 75.777, 335.818 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(224, 76, 192) }
```

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

```
.border{ border-color:rgb(224, 76, 192) }
```

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

Here you see how a box with a 4 pixel rgb(224, 76, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 76, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 76, 192);  
box-shadow:4px 4px 4px 4px rgb(224, 76,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 75.777, 335.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 76, 192) }
```

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

```
.background{ background-color: rgb(224, 76,  
192) }
```

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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