

Converting Colors

CIELCh(57, 78.021, 6.799)

Have a look what the booklet for
CIELCh(57, 78.021, 6.799) contains.

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Color

CIELCh(57, 77.957, 6.846)

Conversions

Conversions Part 1

Format	Color
Hex	FE327C
RGB	254, 50, 124
RGB Percent	100%, 20%, 49%
CMY	0.0025, 0.8020, 0.5126
CMYK	0.00, 0.80, 0.51, 0.00
HSL	338°, 99%, 60%
HSV	338°, 80%, 100%
XYZ	45.8220, 24.9227, 21.5588
YIQ	119.4320, 97.8300, 66.2620

Conversions

Conversions Part 2

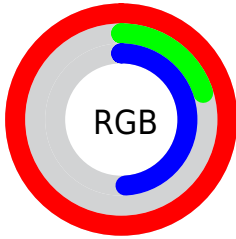
Format	Color
RYB	254, 50, 124
Decimal	16659068
CIELab	57.00, 77.40, 9.29
CIELCh	57, 77.957, 6.846
Yxy	24.9227, 0.4964, 0.2700
Android (android.graphics.Color)	4294849148 (0xFFFE327C)
YUV	119.4320, 2.2520, 118.0161
Hunter-Lab	49.9226, 76.4735, 9.3418

Details

The CIELCh color **57, 77.957, 6.846** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **89, 67.922, 161.142**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 58.695, 354.534**, and **41, 68.285, 12.008** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.587, 11.306**, and if you desaturate by 10%, it is **60, 71.368, 3.311**.

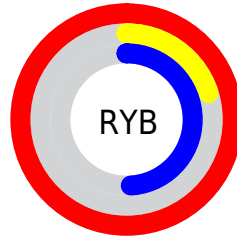
Distribution



Red (100%)

Green (20%)

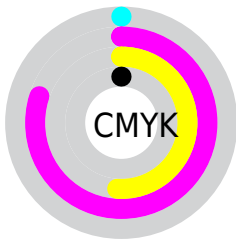
Blue (49%)



Red (100%)

Yellow (20%)

Blue (49%)

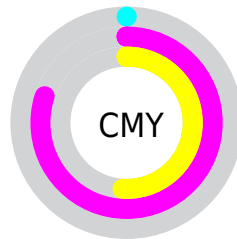


Cyan (0%)

Magenta (80%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 77.957, 6.846 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, 77.957, 6.846 by changing the saturation by 10% instead.

 57, 77.957, 6.846  57, 77.957, 6.846

 100, 77.957, 6.846  47, 77.957, 6.846


 77, 77.957, 6.846  37, 77.957, 6.846

 87, 77.957, 6.846  27, 77.957, 6.846

 97, 77.957, 6.846  17, 77.957, 6.846

 7, 77.957, 6.846

 0, 77.957, 6.846

 57, 77.957, 6.846  57, 77.957, 6.846

 55, 82.587, 11.306  60, 71.368, 3.311

 54, 85.761, 16.528  64, 62.989, 0.532

69, 53.278,
358.329

74, 42.770,
356.547

80, 31.924,
355.071

87, 21.078,
353.817

93, 10.449,
352.717

100, 0.161,
348.433

100, 0.222,
202.380

Harmonies

Complementary

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



57, 77.957, 6.846



89, 67.922, 161.142

Rectangle

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



57, 77.957, 6.846



57, 77.957, 56.846



57, 77.957, 186.846



57, 77.957, 236.846

Sweetspot

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



57, 77.953, 6.848



84, 25.286, 354.278



51, 110.274, 316.195



43, 17.445, 354.728



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, 77.953, 6.848



54, 84.682, 14.366



59, 84.287, 39.134



50, 5.856, 352.648



40, 68.962, 15.479



10, 31.292, 8.018

Inverse Universe

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



57, 77.953, 6.848



54, 84.682, 14.366



83, 42.124, 217.147



50, 5.856, 352.648



40, 68.962, 15.479



10, 31.292, 8.018

Previews

White Background



This preview shows how the CIELCh color 57, 77.957, 6.846 looks on a white background.

Color Contrast Check

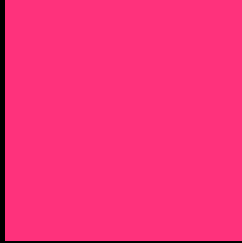
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.957, 6.846 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, 77.957, 6.846

Background



This preview shows how black text looks on a background with the CIELCh color 57, 77.957, 6.846.



This preview shows how white text looks on a background with the CIELCh color 57, 77.957, 6.846.

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, 77.957, 6.846

Protanopia

57, 19.480, 285.229

Deuteranopia

57, 14.772, 60.675



Tritanopia
57, 81.053, 31.344

Trichromacy



Original Color
57, 77.957, 6.846



Protanomaly
54, 37.747, 337.886



Deuteranomaly
54, 38.728, 11.371



Tritanomaly
57, 78.440, 22.942

Monochromacy



Original Color
57, 77.957, 6.846



Achromatopsia
50, 0.007, 296.813



Achromatomaly
50, 33.500, 356.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 77.957, 6.846 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(254, 50, 124)` looks like.

```
.text, #text, p{  
    color:rgb(254, 50, 124)  
}
```

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(254, 50, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 50, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 77.957, 6.846 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(254, 50, 124) }
```

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

```
.border{ border-color:rgb(254, 50, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 50, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 50, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 50, 124);  
box-shadow:4px 4px 4px 4px rgb(254, 50,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 77.957, 6.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 50, 124) }
```

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

```
.background{ background-color: rgb(254, 50,  
124) }
```

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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