

Converting Colors

CIELCh(57, 78.029, 6.465)

Have a look what the booklet for
CIELCh(57, 78.029, 6.465) contains.

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Color

CIELCh(57, 77.967, 6.431)

Conversions

Conversions Part 1

Format	Color
Hex	FE327D
RGB	254, 50, 125
RGB Percent	100%, 20%, 49%
CMY	0.0028, 0.8024, 0.5089
CMYK	0.00, 0.80, 0.51, 0.00
HSL	338°, 99%, 60%
HSV	338°, 80%, 100%
XYZ	45.8484, 24.9227, 21.8709
YIQ	119.5460, 97.5090, 66.5730

Conversions

Conversions Part 2

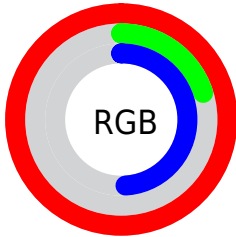
Format	Color
R_{YB}	254, 50, 125
Decimal	16659069
CIE _{Lab}	57.00, 77.48, 8.73
CIE _{LCh}	57, 77.967, 6.431
Yxy	24.9227, 0.4949, 0.2690
Android (android.graphics.Color)	4294849149 (0xFFFE327D)
YUV	119.5460, 2.6888, 117.9162
Hunter-Lab	49.9226, 76.5678, 8.9711

Details

The CIELCh color **57, 77.967, 6.431** 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, 68.294, 160.798**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 58.867, 354.040**, and **41, 68.221, 11.499** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.523, 10.861**, and if you desaturate by 10%, it is **60, 71.430, 2.922**.

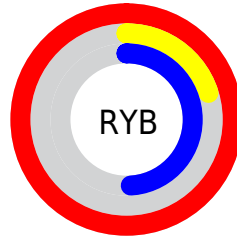
Distribution



Red (100%)

Green (20%)

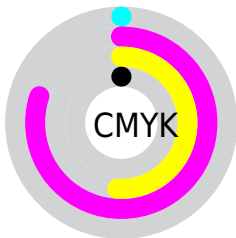
Blue (49%)



Red (100%)

Yellow (20%)

Blue (49%)

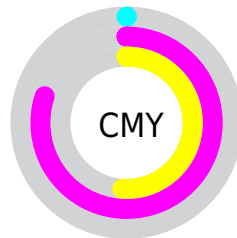


Cyan (0%)

Magenta (80%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 77.967, 6.431 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, 77.967, 6.431 by changing the saturation by 10% instead.

 57, 77.967, 6.431  57, 77.967, 6.431

 100, 77.967, 6.431  47, 77.967, 6.431

 77, 77.967, 6.431  37, 77.967, 6.431

 87, 77.967, 6.431  27, 77.967, 6.431


 97, 77.967, 6.431  17, 77.967, 6.431

 7, 77.967, 6.431

 0, 77.967, 6.431

 57, 77.967, 6.431  57, 77.967, 6.431

 55, 82.523, 10.861  60, 71.430, 2.922

 54, 85.594, 16.037  64, 63.084, 0.164

69, 53.390,
357.976

74, 42.883,
356.205

80, 32.029,
354.737

87, 21.165,
353.489

93, 10.513,
352.392

100, 0.197,
348.739

100, 0.249,
202.049

Harmonies

Complementary

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



57, 77.967, 6.431



89, 68.294, 160.798

Rectangle

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



57, 77.967, 6.431



57, 77.967, 56.431



57, 77.967, 186.431



57, 77.967, 236.431

Sweetspot

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



57, 77.963, 6.433



84, 25.350, 353.944



50, 110.456, 315.715



43, 17.487, 354.392



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, 77.963, 6.433



54, 84.573, 13.886



58, 84.982, 38.408



50, 5.873, 352.320



40, 68.858, 14.994



10, 31.287, 7.596

Inverse Universe

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



57, 77.963, 6.433



54, 84.573, 13.886



84, 42.548, 214.249



50, 5.873, 352.320



40, 68.858, 14.994



10, 31.287, 7.596

Previews

White Background



This preview shows how the CIELCh color 57, 77.967, 6.431 looks on a white background.

Color Contrast Check

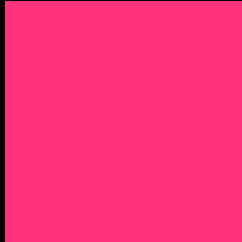
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.967, 6.431 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, 77.967, 6.431

Background



This preview shows how black text looks on a background with the CIELCh color 57, 77.967, 6.431.

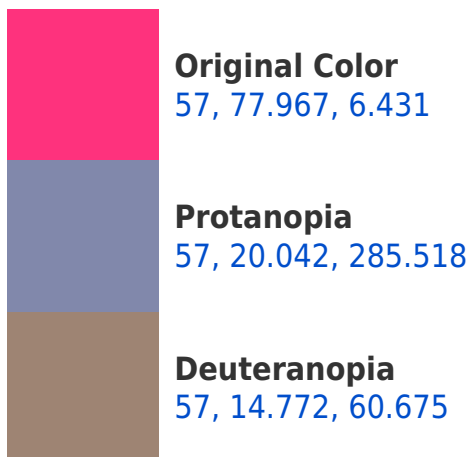


This preview shows how white text looks on a background with the CIELCh color 57, 77.967, 6.431.

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, 80.426, 30.953

Trichromacy



Original Color
57, 77.967, 6.431



Protanomaly
54, 38.107, 337.242



Deuteranomaly
54, 38.737, 10.535



Tritanomaly
57, 77.911, 22.442

Monochromacy



Original Color
57, 77.967, 6.431



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, 77.967, 6.431 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(254, 50, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 50, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 77.967, 6.431 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, 125) }
```

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

```
.border{ border-color:rgb(254, 50, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 50, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 50, 125);  
box-shadow:4px 4px 4px 4px rgb(254, 50,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 77.967, 6.431 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, 125) }
```

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

```
.background{ background-color: rgb(254, 50,  
125) }
```

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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