

Converting Colors

CIELCh(57, 78.939, 4.821)

Have a look what the booklet for
CIELCh(57, 78.939, 4.821) contains.

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Color

CIELCh(57, 78.981, 4.679)

Conversions

Conversions Part 1

Format	Color
Hex	FF2F81
RGB	255, 47, 129
RGB Percent	100%, 18%, 51%
CMY	0.0000, 0.8149, 0.4937
CMYK	0.00, 0.81, 0.49, 0.00
HSL	336°, 100%, 59%
HSV	336°, 81%, 100%
XYZ	46.2852, 24.9227, 23.1790
YIQ	118.5400, 97.6460, 69.5980

Conversions

Conversions Part 2

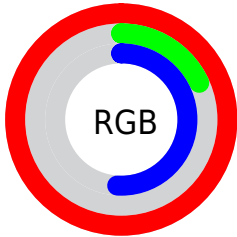
Format	Color
R_{YB}	255, 47, 129
Decimal	16723841
CIE _{Lab}	57.00, 78.72, 6.44
CIE _{LCh}	57, 78.981, 4.679
Yxy	24.9227, 0.4904, 0.2640
Android (android.graphics.Color)	4294913921 (0xFFFF2F81)
YUV	118.5400, 5.1568, 119.6754
Hunter-Lab	49.9226, 78.1296, 7.4176

Details

The CIELCh color **57, 78.981, 4.679** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **89, 71.175, 158.783**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 60.293, 351.446**, and **41, 68.353, 10.202** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.909, 9.017**, and if you desaturate by 10%, it is **60, 72.885, 1.198**.

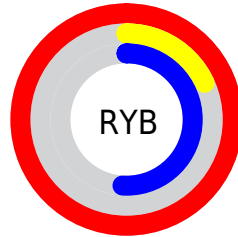
Distribution



Red (100%)

Green (18%)

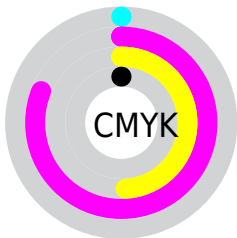
Blue (51%)



Red (100%)

Yellow (18%)

Blue (51%)

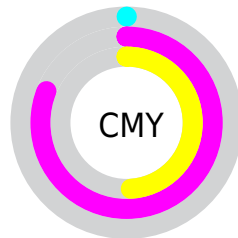


Cyan (0%)

Magenta (81%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 78.981, 4.679 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, 78.981, 4.679 by changing the saturation by 10% instead.

 57, 78.981, 4.679

 57, 78.981, 4.679

 100, 78.981, 4.679

 47, 78.981, 4.679

 77, 78.981, 4.679

 37, 78.981, 4.679

 87, 78.981, 4.679

 27, 78.981, 4.679

 97, 78.981, 4.679

 17, 78.981, 4.679

 7, 78.981, 4.679

 0, 78.981, 4.679

 57, 78.981, 4.679

 57, 78.981, 4.679

 55, 82.909, 9.017

 60, 72.885, 1.198

 54, 85.120, 13.397

 64, 64.867,

358.484

69, 55.346,
356.328

74, 44.878,
354.581

80, 33.955,
353.128

86, 22.945,
351.891

92, 12.093,
350.804

99, 1.544, 349.563

100, 0.012,
296.813

Harmonies

Complementary

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



57, 78.981, 4.679



89, 71.175, 158.783

Rectangle

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



57, 78.981, 4.679



57, 78.981, 54.679



57, 78.981, 184.679



57, 78.981, 234.679

Sweetspot

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



57, 78.940, 4.654



84, 25.706, 352.185



50, 112.035, 315.216



43, 17.724, 352.621



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, 78.940, 4.654



54, 84.598, 12.356



58, 87.314, 38.012



50, 5.967, 350.599



41, 68.402, 12.377



10, 31.292, 5.287

Inverse Universe

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



57, 78.940, 4.654



54, 84.598, 12.356



85, 43.364, 211.595



50, 5.967, 350.599



41, 68.402, 12.377



10, 31.292, 5.287

Previews

White Background



This preview shows how the CIELCh color 57, 78.981, 4.679 looks on a white background.

Color Contrast Check

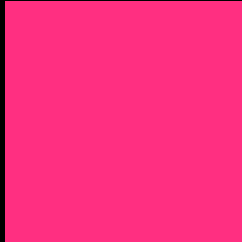
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.981, 4.679 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, 78.981, 4.679

Background



This preview shows how black text looks on a background with the CIELCh color 57, 78.981, 4.679.

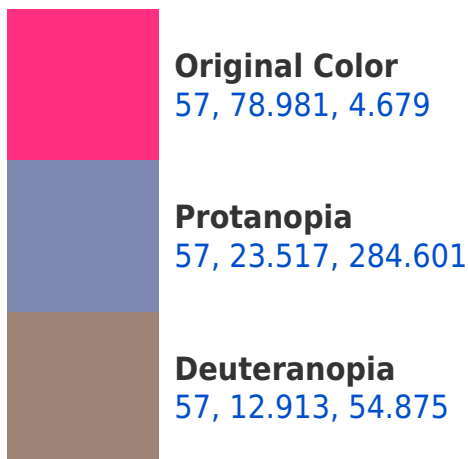


This preview shows how white text looks on a background with the CIELCh color 57, 78.981, 4.679.

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, 81.256, 31.152

Trichromacy



Original Color
57, 78.981, 4.679



Protanomaly
53, 40.598, 332.661



Deuteranomaly
54, 39.352, 6.681



Tritanomaly
57, 78.321, 21.985

Monochromacy



Original Color
57, 78.981, 4.679



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 34.474, 354.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 78.981, 4.679 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(255, 47, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 47, 129)  
}
```

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(255, 47, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 47, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 78.981, 4.679 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(255, 47, 129) }
```

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

```
.border{ border-color:rgb(255, 47, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 47, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 47, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 47, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 47,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 78.981, 4.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 47, 129) }
```

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

```
.background{ background-color: rgb(255, 47,  
129) }
```

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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