

Converting Colors

CIELCh(57, 78.196, 3.863)

Have a look what the booklet for
CIELCh(57, 78.196, 3.863) contains.

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Color

CIELCh(57, 78.122, 3.955)

Conversions

Conversions Part 1

Format	Color
Hex	FE3283
RGB	254, 50, 131
RGB Percent	100%, 20%, 51%
CMY	0.0048, 0.8049, 0.4869
CMYK	0.00, 0.80, 0.48, 0.00
HSL	336°, 99%, 60%
HSV	336°, 80%, 100%
XYZ	46.0097, 24.9227, 23.7984
YIQ	120.2300, 95.5830, 68.4390

Conversions

Conversions Part 2

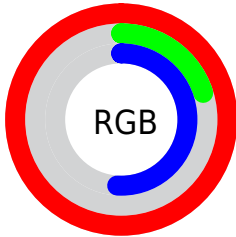
Format	Color
R_{YB}	254, 50, 131
Decimal	16659075
CIE _{Lab}	57.00, 77.94, 5.39
CIE _{LCh}	57, 78.122, 3.955
Yxy	24.9227, 0.4857, 0.2631
Android (android.graphics.Color)	4294849155 (0xFFFE3283)
YUV	120.2300, 5.3096, 117.3163
Hunter-Lab	49.9226, 77.1448, 6.6820

Details

The CIELCh color **57, 78.122, 3.955** 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, 70.542, 158.807**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 59.716, 350.860**, and **41, 67.997, 8.948** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.253, 8.189**, and if you desaturate by 10%, it is **60, 71.880, 0.613**.

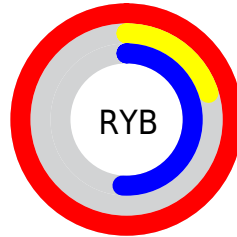
Distribution



Red (100%)

Green (20%)

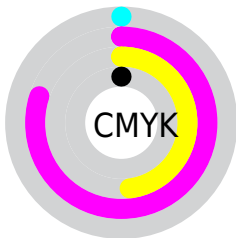
Blue (51%)



Red (100%)

Yellow (20%)

Blue (51%)

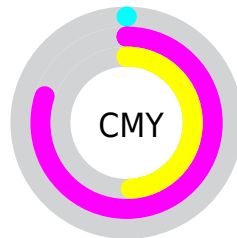


Cyan (0%)

Magenta (80%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 78.122, 3.955 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, 78.122, 3.955 by changing the saturation by 10% instead.

 57, 78.122, 3.955  57, 78.122, 3.955

 100, 78.122, 3.955  47, 78.122, 3.955

 77, 78.122, 3.955  37, 78.122, 3.955

 87, 78.122, 3.955  27, 78.122, 3.955

 97, 78.122, 3.955  17, 78.122, 3.955

 7, 78.122, 3.955

 0, 78.122, 3.955

 57, 78.122, 3.955  57, 78.122, 3.955

 55, 82.253, 8.189  60, 71.880, 0.613

 54, 84.746, 13.062  64, 63.715,

357.986

69, 54.104,
355.894

74, 43.601,
354.192

80, 32.685,
352.773

86, 21.711,
351.560

93, 10.910,
350.488

99, 0.420, 348.349

100, 0.421,
200.953

Harmonies

Complementary

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



57, 78.122, 3.955



89, 70.542, 158.807

Rectangle

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



57, 78.122, 3.955



57, 78.122, 53.955



57, 78.122, 183.955



57, 78.122, 233.955

Sweetspot

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



57, 78.118, 3.957



84, 25.750, 351.978



50, 110.661, 315.239



43, 17.754, 352.412



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, 78.118, 3.957



55, 84.071, 10.993



58, 85.752, 37.762



50, 5.979, 350.396



41, 68.359, 12.061



10, 31.297, 5.010

Inverse Universe

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



57, 78.118, 3.957



55, 84.071, 10.993



85, 43.040, 211.452



50, 5.979, 350.396



41, 68.359, 12.061



10, 31.297, 5.010

Previews

White Background



This preview shows how the CIELCh color 57, 78.122, 3.955 looks on a white background.

Color Contrast Check

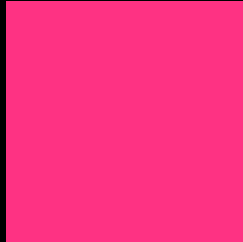
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.122, 3.955 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, 78.122, 3.955

Background



This preview shows how black text looks on a background with the CIELCh color 57, 78.122, 3.955.

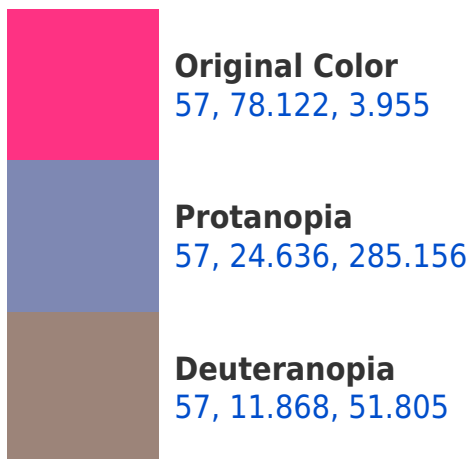


This preview shows how white text looks on a background with the CIELCh color 57, 78.122, 3.955.

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, 79.974, 30.804

Trichromacy



Original Color
57, 78.122, 3.955



Protanomaly
53, 40.160, 331.708



Deuteranomaly
54, 38.612, 5.285



Tritanomaly
57, 77.208, 21.410

Monochromacy



Original Color
57, 78.122, 3.955



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 34.439, 354.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 78.122, 3.955 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(254, 50, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 50, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 78.122, 3.955 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, 131) }
```

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

```
.border{ border-color:rgb(254, 50, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 50, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 50, 131);  
box-shadow:4px 4px 4px 4px rgb(254, 50,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 78.122, 3.955 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, 131) }
```

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

```
.background{ background-color: rgb(254, 50,  
131) }
```

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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