

Converting Colors

CIELCh(57, 78.470, 358.377)

Have a look what the booklet for
CIELCh(57, 78.470, 358.377)
contains.

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Color

CIELCh(57, 78.566, 358.279)

Conversions

Conversions Part 1

Format	Color
Hex	FC3290
RGB	252, 50, 144
RGB Percent	99%, 20%, 56%
CMY	0.0126, 0.8049, 0.4360
CMYK	0.00, 0.80, 0.43, 0.01
HSL	332°, 97%, 59%
HSV	332°, 80%, 99%
XYZ	46.2191, 24.9227, 28.6915
YIQ	121.1140, 90.2180, 72.0580

Conversions

Conversions Part 2

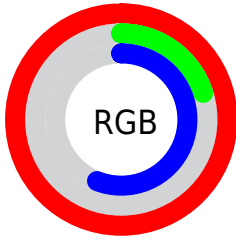
Format	Color
R_{YB}	252, 50, 144
Decimal	16528016
CIE _{Lab}	57.00, 78.53, -2.36
CIE _{LCh}	57, 78.566, 358.279
Yxy	24.9227, 0.4630, 0.2496
Android (android.graphics.Color)	4294718096 (0xFFFC3290)
YUV	121.1140, 11.2828, 114.7870
Hunter-Lab	49.9226, 77.8935, 0.8707

Details

The CIELCh color **57, 78.566, 358.279** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **88, 75.109, 154.870**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 63.037, 344.665**, and **41, 67.625, 2.327** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.039, 1.932**, and if you desaturate by 10%, it is **60, 72.724, 355.407**.

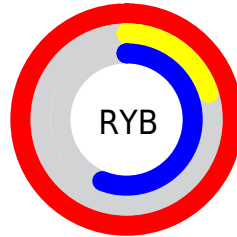
Distribution



Red (99%)

Green (20%)

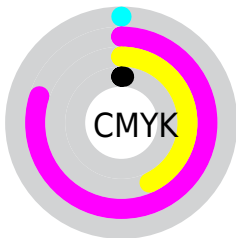
Blue (56%)



Red (99%)

Yellow (20%)

Blue (56%)

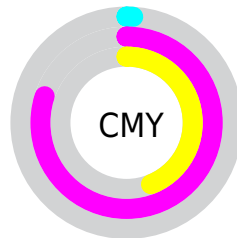


Cyan (0%)

Magenta (80%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (80%)


Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 78.566, 358.279 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, 78.566, 358.279 by changing the saturation by 10% instead.


 57, 78.566,
358.279


 57, 78.566,
358.279


 100, 78.566,
358.279

 47, 78.566,
358.279


 77, 78.566,
358.279

 37, 78.566,
358.279

 87, 78.566,
358.279

 27, 78.566,
358.279

 97, 78.566,
358.279

 17, 78.566,
358.279

 7, 78.566, 358.279

 0, 78.566, 358.279

57, 78.566,
358.279

57, 78.566,
358.279

55, 82.039, 1.932

60, 72.724,
355.407

54, 83.618, 6.282

64, 64.760,
353.135

69, 55.195,
351.304

74, 44.612,
349.792

80, 33.512,
348.509

86, 22.271,
347.394

92, 11.139,
346.395

99, 0.269, 343.718

100, 1.115,
199.929

Harmonies

Complementary

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



57, 78.566, 358.279



88, 75.109, 154.870

Rectangle

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



57, 78.566, 358.279



57, 78.566, 48.279



57, 78.566, 178.279



57, 78.566, 228.279

Sweetspot

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



57, 78.562, 358.280



85, 26.764, 347.798



48, 110.622, 313.427



43, 18.432, 348.198



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, 78.562, 358.280



55, 83.869, 4.469



56, 87.495, 35.322



49, 6.137, 346.322



40, 67.340, 5.368



10, 30.784, 358.966

Inverse Universe

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



57, 78.562, 358.280



55, 83.869, 4.469



88, 45.663, 201.075



49, 6.137, 346.322



40, 67.340, 5.368



10, 30.784, 358.966

Previews

White Background



This preview shows how the CIELCh color 57, 78.566, 358.279 looks on a white background.

Color Contrast Check

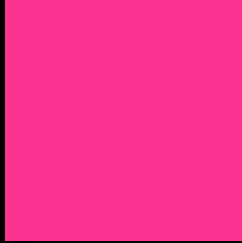
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.566, 358.279 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, 78.566, 358.279

Background



This preview shows how black text looks on a background with the CIELCh color 57, 78.566, 358.279.



This preview shows how white text looks on a background with the CIELCh color 57, 78.566, 358.279.

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, 78.566, 358.279

Protanopia

57, 34.955, 285.454

Deuteranopia

57, 7.254, 15.637



Tritanopia
57, 76.999, 30.060

Trichromacy



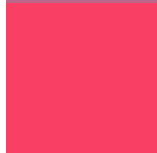
Original Color
57, 78.566, 358.279



Protanomaly
53, 47.078, 322.519



Deuteranomaly
54, 38.445, 353.873



Tritanomaly
57, 74.708, 18.491

Monochromacy



Original Color
57, 78.566, 358.279



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 34.950, 350.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 78.566, 358.279 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(252, 50, 144)` looks like.

```
.text, #text, p{  
    color:rgb(252, 50, 144)  
}
```

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(252, 50, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 50, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 78.566, 358.279 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(252, 50, 144) }
```

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

```
.border{ border-color:rgb(252, 50, 144) }
```

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

Here you see how a box with a 4 pixel rgb(252, 50, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 50, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 50, 144);  
box-shadow:4px 4px 4px 4px rgb(252, 50,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 78.566, 358.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 50, 144) }
```

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

```
.background{ background-color: rgb(252, 50,  
144) }
```

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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