

Converting Colors

CIELCh(57, 79.453, 3.616)

Have a look what the booklet for
CIELCh(57, 79.453, 3.616) contains.

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Color

CIELCh(57, 79.309, 3.371)

Conversions

Conversions Part 1

Format	Color
Hex	FF2E84
RGB	255, 46, 132
RGB Percent	100%, 18%, 52%
CMY	0.0000, 0.8188, 0.4819
CMYK	0.00, 0.82, 0.48, 0.00
HSL	335°, 100%, 59%
HSV	335°, 82%, 100%
XYZ	46.4456, 24.9227, 24.2305
YIQ	118.2950, 96.9580, 71.0540

Conversions

Conversions Part 2

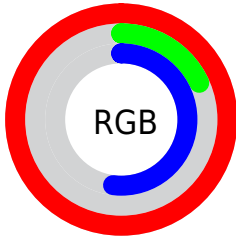
Format	Color
RYB	255, 46, 132
Decimal	16723588
CIELab	57.00, 79.17, 4.66
CIElCh	57, 79.309, 3.371
Yxy	24.9227, 0.4858, 0.2607
Android (android.graphics.Color)	4294913668 (0xFFFF2E84)
YUV	118.2950, 6.7566, 119.8903
Hunter-Lab	49.9226, 78.7033, 6.1687

Details

The CIELCh color **57, 79.309, 3.371** 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, 72.712, 157.636**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 61.407, 349.892**, and **41, 68.248, 8.678** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.951, 7.614**, and if you desaturate by 10%, it is **60, 73.433, 359.971**.

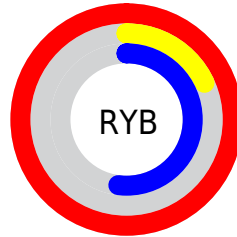
Distribution



Red (100%)

Green (18%)

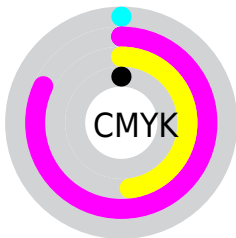
Blue (52%)



Red (100%)

Yellow (18%)

Blue (52%)

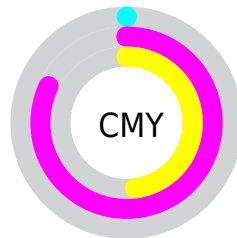


Cyan (0%)

Magenta (82%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (82%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 79.309, 3.371 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, 79.309, 3.371 by changing the saturation by 10% instead.

 57, 79.309, 3.371  57, 79.309, 3.371

 100, 79.309, 3.371  47, 79.309, 3.371

 77, 79.309, 3.371  37, 79.309, 3.371

 87, 79.309, 3.371  27, 79.309, 3.371

 97, 79.309, 3.371  17, 79.309, 3.371

 7, 79.309, 3.371

 0, 79.309, 3.371

 57, 79.309, 3.371  57, 79.309, 3.371

 55, 82.951, 7.614  60, 73.433,
359.971

 54, 84.813, 11.694

64, 65.557,
357.320

68, 56.108,
355.211

74, 45.650,
353.497

80, 34.687,
352.068

86, 23.601,
350.848

92, 12.646,
349.773

99, 1.975, 348.617

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, 79.309, 3.371



89, 72.712, 157.636

Rectangle

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



57, 79.309, 3.371



57, 79.309, 53.371



57, 79.309, 183.371



57, 79.309, 233.371

Sweetspot

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



57, 79.270, 3.346



84, 27.054, 351.210



49, 112.589, 314.744



42, 18.515, 351.637



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, 79.270, 3.346



55, 84.351, 10.676



57, 88.393, 37.485



50, 6.030, 349.531



41, 68.200, 10.698



10, 31.326, 3.821

Inverse Universe

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



57, 79.270, 3.346



55, 84.351, 10.676



86, 44.038, 208.867



50, 6.030, 349.531



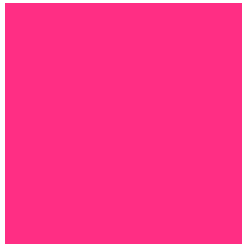
41, 68.200, 10.698



10, 31.326, 3.821

Previews

White Background



This preview shows how the CIELCh color 57, 79.309, 3.371 looks on a white background.

Color Contrast Check

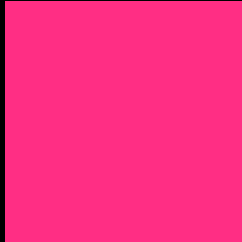
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.309, 3.371 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, 79.309, 3.371

Background



This preview shows how black text looks on a background with the CIELCh color 57, 79.309, 3.371.



This preview shows how white text looks on a background with the CIELCh color 57, 79.309, 3.371.

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, 79.309, 3.371

Protanopia

57, 26.944, 285.503

Deuteranopia

57, 11.549, 49.536



Tritanopia
57, 81.053, 31.344

Trichromacy



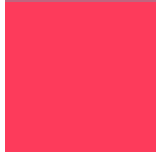
Original Color
57, 79.309, 3.371



Protanomaly
53, 42.684, 330.104



Deuteranomaly
54, 39.189, 3.962

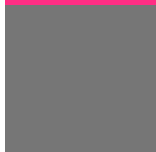


Tritanomaly
57, 78.161, 21.587

Monochromacy



Original Color
57, 79.309, 3.371



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 35.045, 354.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 79.309, 3.371 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, 46, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 132)  
}
```

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, 46, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 79.309, 3.371 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, 46, 132) }
```

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

```
.border{ border-color:rgb(255, 46, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 79.309, 3.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 132) }
```

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

```
.background{ background-color: rgb(255, 46,  
132) }
```

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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