

Converting Colors

CIELCh(57, 82.117, 358.131)

Have a look what the booklet for
CIELCh(57, 82.117, 358.131)
contains.

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Color

CIELCh(57, 81.903, 357.677)

Conversions

Conversions Part 1

Format	Color
Hex	FF2792
RGB	255, 39, 146
RGB Percent	100%, 15%, 57%
CMY	0.0000, 0.8463, 0.4290
CMYK	0.00, 0.85, 0.43, 0.00
HSL	330°, 100%, 58%
HSV	330°, 85%, 100%
XYZ	47.3945, 24.9227, 29.3410
YIQ	115.7820, 94.3890, 79.0690

Conversions

Conversions Part 2

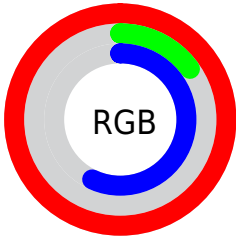
Format	Color
R_{YB}	255, 39, 146
Decimal	16721810
CIE _{Lab}	57.00, 81.84, -3.32
CIE _{LCh}	57, 81.903, 357.677
Yxy	24.9227, 0.4662, 0.2452
Android (android.graphics.Color)	4294911890 (0xFFFF2792)
YUV	115.7820, 14.8975, 122.0942
Hunter-Lab	49.9226, 82.0961, 0.0994

Details

The CIELCh color **57, 81.903, 357.677** 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, 80.789, 152.484**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 66.600, 343.221**, and **41, 68.445, 2.126** is the 20% darker color. If you saturate the color by 10%, you get **55, 84.001, 1.304**, and if you desaturate by 10%, it is **59, 77.046, 354.538**.

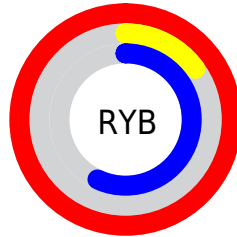
Distribution



Red (100%)

Green (15%)

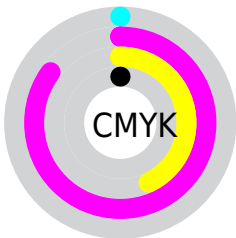
Blue (57%)



Red (100%)

Yellow (15%)

Blue (57%)

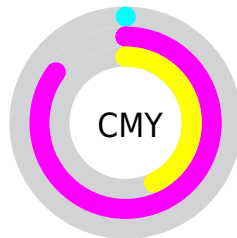


Cyan (0%)

Magenta (85%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (85%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 81.903, 357.677 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, 81.903, 357.677 by changing the saturation by 10% instead.


 57, 81.903,
357.677


 57, 81.903,
357.677


 100, 81.903,
357.677


 47, 81.903,
357.677


 77, 81.903,
357.677

 37, 81.903,
357.677

 87, 81.903,
357.677

 27, 81.903,
357.677

 97, 81.903,
357.677

 17, 81.903,
357.677

 7, 81.903, 357.677

 0, 81.903, 357.677

■ 57, 81.903,
357.677

■ 57, 81.903,
357.677

■ 55, 84.001, 1.304

■ 59, 77.046,
354.538

■ 55, 84.559, 3.625

■ 63, 69.959,
352.181

■ 67, 60.931,
350.290

■ 73, 50.560,
348.736

■ 78, 39.412,
347.423

■ 84, 27.936,
346.286

■ 90, 16.445,
345.276

■ 97, 5.141, 344.318

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, 81.903, 357.677



89, 80.789, 152.484

Rectangle

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



57, 81.903, 357.677



57, 81.903, 47.677



57, 81.903, 177.677



57, 81.903, 227.677

Sweetspot

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



57, 81.743, 357.524



84, 28.364, 346.325



45, 116.193, 312.502



42, 19.387, 346.710



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, 81.743, 357.524



55, 84.559, 3.625



55, 93.986, 35.943



50, 6.353, 344.791



41, 68.178, 2.780



10, 31.805, 357.072

Inverse Universe

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



57, 81.743, 357.524



55, 84.559, 3.625



91, 48.776, 196.463



50, 6.353, 344.791



41, 68.178, 2.780



10, 31.805, 357.072

Previews

White Background



This preview shows how the CIELCh color 57, 81.903, 357.677 looks on a white background.

Color Contrast Check

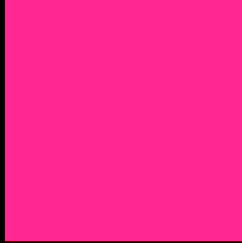
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.903, 357.677 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, 81.903, 357.677

Background



This preview shows how black text looks on a background with the CIELCh color 57, 81.903, 357.677.

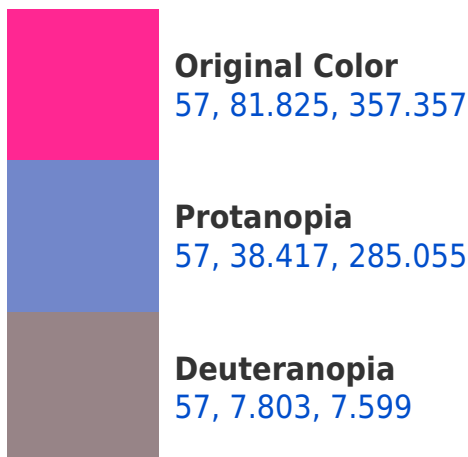


This preview shows how white text looks on a background with the CIELCh color 57, 81.903, 357.677.

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, 81.825, 357.357



Protanomaly
52, 51.293, 320.799



Deuteranomaly
53, 41.756, 351.802



Tritanomaly
56, 77.611, 18.561

Monochromacy



Original Color
57, 81.825, 357.357



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 37.950, 348.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 81.903, 357.677 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, 39, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 39, 146)  
}
```

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, 39, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 39, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 81.903, 357.677 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, 39, 146) }
```

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

```
.border{ border-color:rgb(255, 39, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 39, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 39, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 39, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 39,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 81.903, 357.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 39, 146) }
```

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

```
.background{ background-color: rgb(255, 39,  
146) }
```

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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