

Converting Colors

CIELCh(57, 82.542, 353.803)

Have a look what the booklet for
CIELCh(57, 82.542, 353.803)
contains.

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Color

CIELCh(57, 82.605, 353.842)

Conversions

Conversions Part 1

Format	Color
Hex	FE289B
RGB	254, 40, 155
RGB Percent	100%, 16%, 61%
CMY	0.0043, 0.8437, 0.3925
CMYK	0.00, 0.84, 0.39, 0.00
HSL	328°, 99%, 58%
HSV	328°, 84%, 100%
XYZ	47.4995, 24.9227, 33.2810
YIQ	117.0960, 90.6290, 81.1330

Conversions

Conversions Part 2

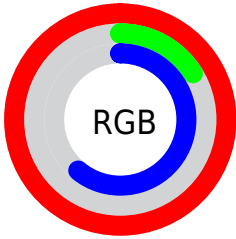
Format	Color
R_{YB}	254, 40, 155
Decimal	16656539
CIE _{Lab}	57.00, 82.13, -8.86
CIE _{LCh}	57, 82.605, 353.842
Yxy	24.9227, 0.4494, 0.2358
Android (android.graphics.Color)	4294846619 (0xFFFE289B)
YUV	117.0960, 18.6867, 120.0648
Hunter-Lab	49.9226, 82.4716, -4.5800

Details

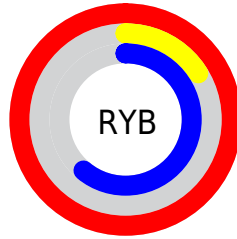
The CIELCh color **57, 82.605, 353.842** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **89, 83.871, 150.361**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 68.719, 339.982**, and **41, 68.867, 357.936** is the 20% darker color. If you saturate the color by 10%, you get **55, 84.618, 357.146**, and if you desaturate by 10%, it is **60, 77.995, 351.230**.

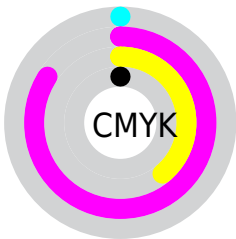
Distribution



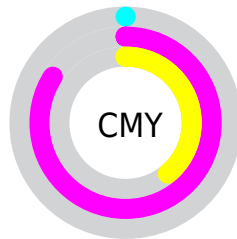
- Red (100%)
- Green (16%)
- Blue (61%)



- Red (100%)
- Yellow (16%)
- Blue (61%)



- Cyan (0%)
- Magenta (84%)
- Yellow (39%)
- Black (0%)




- Cyan (0%)
- Magenta (84%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 82.605, 353.842 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, 82.605, 353.842 by changing the saturation by 10% instead.


 57, 82.605,
353.842

 57, 82.605,
353.842

 100, 82.605,
353.842

 47, 82.605,
353.842


 77, 82.605,
353.842

 37, 82.605,
353.842

 87, 82.605,
353.842

 27, 82.605,
353.842

 97, 82.605,
353.842

 17, 82.605,
353.842

 7, 82.605, 353.842

 0, 82.605, 353.842

■ 57, 82.605,
353.842

■ 57, 82.605,
353.842

■ 55, 84.618,
357.146

■ 60, 77.995,
351.230

■ 55, 84.962,
359.319

■ 63, 70.898,
349.151

■ 67, 61.787,
347.464

■ 73, 51.278,
346.058

■ 78, 39.943,
344.853

■ 84, 28.240,
343.795

■ 90, 16.492,
342.845

■ 97, 4.907, 341.930

100, 0.382,
201.117

Harmonies

Complementary

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



57, 82.605, 353.842



89, 83.871, 150.361

Rectangle

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



57, 82.605, 353.842



57, 82.605, 43.842



57, 82.605, 173.842



57, 82.605, 223.842

Sweetspot

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



57, 82.601, 353.843



84, 29.166, 343.866



44, 116.356, 311.318



43, 19.925, 344.226



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, 82.601, 353.843



55, 85.238, 359.329



55, 90.563, 33.012



50, 6.547, 342.414



41, 68.798, 358.582



11, 32.273, 353.574

Inverse Universe

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



57, 82.601, 353.843



55, 85.238, 359.329



91, 50.308, 189.914



50, 6.547, 342.414



41, 68.798, 358.582



11, 32.273, 353.574

Previews

White Background



This preview shows how the CIELCh color 57, 82.605, 353.842 looks on a white background.

Color Contrast Check

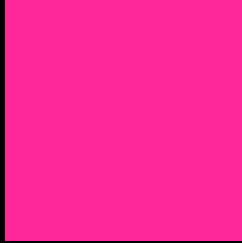
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.605, 353.842 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, 82.605, 353.842

Background



This preview shows how black text looks on a background with the CIELCh color 57, 82.605, 353.842.

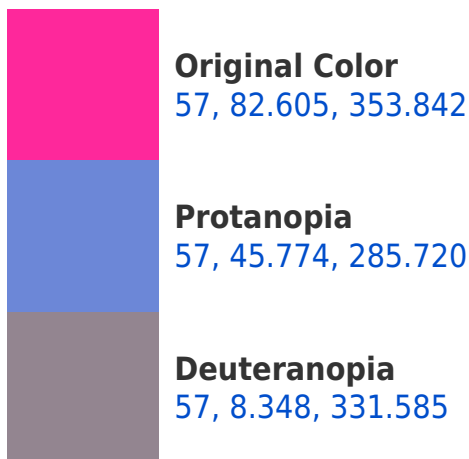


This preview shows how white text looks on a background with the CIELCh color 57, 82.605, 353.842.

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, 77.843, 30.259

Trichromacy



Original Color
57, 82.605, 353.842



Protanomaly
52, 56.827, 316.363



Deuteranomaly
53, 42.596, 344.807



Tritanomaly
57, 75.915, 16.392

Monochromacy



Original Color
57, 82.605, 353.842



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 38.427, 346.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 82.605, 353.842 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, 40, 155)` looks like.

```
.text, #text, p{  
    color:rgb(254, 40, 155)  
}
```

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, 40, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 40, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 82.605, 353.842 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, 40, 155) }
```

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

```
.border{ border-color:rgb(254, 40, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 40, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 40, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 40, 155);  
box-shadow:4px 4px 4px 4px rgb(254, 40,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 82.605, 353.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 40, 155) }
```

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

```
.background{ background-color: rgb(254, 40,  
155) }
```

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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