

Converting Colors

CIELCh(57, 77.242, 354.881)

Have a look what the booklet for
CIELCh(57, 77.242, 354.881)
contains.

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Color

CIELCh(57, 77.235, 355.048)

Conversions

Conversions Part 1

Format	Color
Hex	F83797
RGB	248, 55, 151
RGB Percent	97%, 22%, 59%
CMY	0.0275, 0.7843, 0.4078
CMYK	0.00, 0.78, 0.39, 0.03
HSL	330°, 93%, 59%
HSV	330°, 78%, 97%
XYZ	45.6628, 24.9227, 31.6813
YIQ	123.6510, 84.2120, 70.7720

Conversions

Conversions Part 2

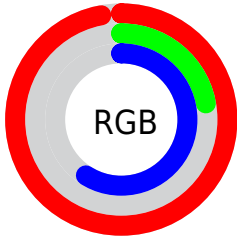
Format	Color
R _Y B	248, 55, 151
Decimal	16267159
CIE Lab	57.00, 76.95, -6.67
CIE LCh	57, 77.235, 355.048
Yxy	24.9227, 0.4465, 0.2437
Android (android.graphics.Color)	4294457239 (0xFFFF83797)
YUV	123.6510, 13.4831, 109.0541
Hunter-Lab	49.9226, 75.9044, -2.6802

Details

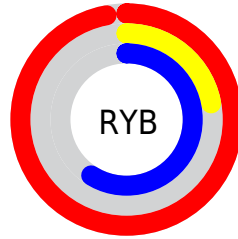
The CIELCh color **57, 77.235, 355.048** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **87, 74.949, 153.702**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 63.951, 342.061**, and **40, 67.405, 358.491** is the 20% darker color. If you saturate the color by 10%, you get **55, 81.047, 358.221**, and if you desaturate by 10%, it is **60, 70.999, 352.549**.

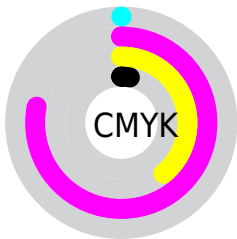
Distribution



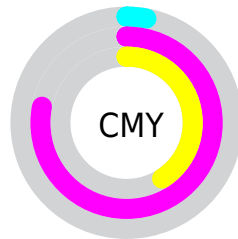
- Red (97%)
- Green (22%)
- Blue (59%)



- Red (97%)
- Yellow (22%)
- Blue (59%)



- Cyan (0%)
- Magenta (78%)
- Yellow (39%)
- Black (3%)



- Cyan (3%)
- Magenta (78%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 77.235, 355.048 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, 77.235, 355.048 by changing the saturation by 10% instead.

 57, 77.235,
355.048

 57, 77.235,
355.048

 100, 77.235,
355.048

 47, 77.235,
355.048

 77, 77.235,
355.048

 37, 77.235,
355.048

 87, 77.235,
355.048

 27, 77.235,
355.048

 97, 77.235,
355.048

 17, 77.235,
355.048

 7, 77.235, 355.048

 0, 77.235, 355.048

57, 77.235,
355.048

57, 77.235,
355.048

55, 81.047,
358.221

60, 70.999,
352.549

54, 82.608, 2.198

64, 62.700,
350.553

53, 82.842, 3.128

69, 52.897,
348.923

74, 42.166,
347.556

80, 30.985,
346.379

86, 19.703,
345.341

93, 8.548, 344.392

99, 2.341, 163.824

Harmonies

Complementary

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



57, 77.235, 355.048



87, 74.949, 153.702

Rectangle

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



57, 77.235, 355.048



57, 77.235, 45.048



57, 77.235, 175.048



57, 77.235, 225.048

Sweetspot

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



57, 77.231, 355.049



85, 26.129, 345.868



47, 107.270, 312.569



43, 18.126, 346.252



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, 77.231, 355.049



56, 83.859, 0.237



55, 84.936, 33.432



49, 6.267, 344.550



41, 67.546, 2.320



10, 31.040, 356.424

Inverse Universe

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



57, 77.231, 355.049



56, 83.859, 0.237



89, 46.480, 196.538



49, 6.267, 344.550



41, 67.546, 2.320



10, 31.040, 356.424

Previews

White Background



This preview shows how the CIELCh color 57, 77.235, 355.048 looks on a white background.

Color Contrast Check

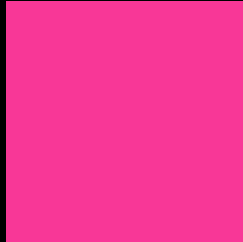
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.235, 355.048 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, 77.235, 355.048

Background



This preview shows how black text looks on a background with the CIELCh color 57, 77.235, 355.048.



This preview shows how white text looks on a background with the CIELCh color 57, 77.235, 355.048.

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, 72.510, 28.662

Trichromacy



Original Color
57, 77.235, 355.048



Protanomaly
54, 48.701, 318.483



Deuteranomaly
54, 37.669, 347.588



Tritanomaly
57, 71.278, 15.814

Monochromacy



Original Color
57, 77.235, 355.048



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 33.826, 347.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 77.235, 355.048 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(248, 55, 151)` looks like.

```
.text, #text, p{  
    color:rgb(248, 55, 151)  
}
```

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(248, 55, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 55, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 77.235, 355.048 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(248, 55, 151) }
```

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

```
.border{ border-color:rgb(248, 55, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 55, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 55, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 55, 151);  
box-shadow:4px 4px 4px 4px rgb(248, 55,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 77.235, 355.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 55, 151) }
```

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

```
.background{ background-color: rgb(248, 55,  
151) }
```

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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