

Converting Colors

CIELCh(57, 84.652, 341.589)

Have a look what the booklet for
CIELCh(57, 84.652, 341.589)
contains.

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Color

CIELCh(57, 84.733, 341.704)

Conversions

Conversions Part 1

Format	Color
Hex	F333B9
RGB	243, 51, 185
RGB Percent	95%, 20%, 73%
CMY	0.0471, 0.8000, 0.2745
CMYK	0.00, 0.79, 0.24, 0.05
HSL	318°, 89%, 58%
HSV	318°, 79%, 95%
XYZ	46.8992, 24.9227, 48.2342
YIQ	123.6840, 71.4180, 82.3780

Conversions

Conversions Part 2

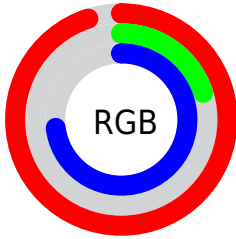
Format	Color
R _{YB}	243, 51, 185
Decimal	15938489
CIE _{Lab}	57.00, 80.45, -26.60
CIE _{LCh}	57, 84.733, 341.704
Yxy	24.9227, 0.3906, 0.2076
Android (android.graphics.Color)	4294128569 (0xFFFF333B9)
YUV	123.6840, 30.2288, 104.6401
Hunter-Lab	49.9226, 80.3249, -22.3389

Details

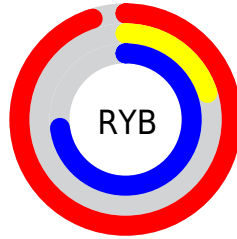
The CIELCh color **57, 84.733, 341.704** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **85, 88.933, 144.914**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 77.198, 330.489**, and **41, 72.866, 343.041** is the 20% darker color. If you saturate the color by 10%, you get **55, 87.949, 343.301**, and if you desaturate by 10%, it is **60, 78.720, 340.374**.

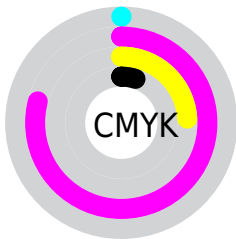
Distribution



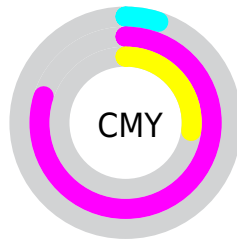
- Red (95%)
- Green (20%)
- Blue (73%)



- Red (95%)
- Yellow (20%)
- Blue (73%)



- Cyan (0%)
- Magenta (79%)
- Yellow (24%)
- Black (5%)




- Cyan (5%)
- Magenta (80%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 84.733, 341.704 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, 84.733, 341.704 by changing the saturation by 10% instead.


 57, 84.733,
341.704


 57, 84.733,
341.704

 100, 84.733,
341.704


 47, 84.733,
341.704


 77, 84.733,
341.704

 37, 84.733,
341.704

 87, 84.733,
341.704

 27, 84.733,
341.704

 97, 84.733,
341.704

 17, 84.733,
341.704

 7, 84.733, 341.704

 0, 84.733, 341.704

57, 84.733,
341.704

57, 84.733,
341.704

55, 87.949,
343.301

60, 78.720,
340.374

54, 88.580,
345.225

64, 70.281,
339.235

54, 88.590,
345.426

68, 59.992,
338.230

73, 48.467,
337.322

78, 36.236,
336.485

84, 23.707,
335.702

90, 11.165,
334.956

96, 1.205, 154.633

Harmonies

Complementary

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



57, 84.733, 341.704



85, 88.933, 144.914

Rectangle

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



57, 84.733, 341.704



57, 84.733, 31.704



57, 84.733, 161.704



57, 84.733, 211.704

Sweetspot

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



57, 84.729, 341.704



85, 31.171, 336.092



41, 109.158, 308.052



43, 21.419, 336.374



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, 84.729, 341.704



57, 91.850, 344.467



54, 76.572, 19.771



48, 7.088, 334.992



41, 72.764, 345.051



10, 33.217, 342.196

Inverse Universe

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



57, 84.729, 341.704



57, 91.850, 344.467



87, 54.596, 174.212



48, 7.088, 334.992



41, 72.764, 345.051



10, 33.217, 342.196

Previews

White Background



This preview shows how the CIELCh color 57, 84.733, 341.704 looks on a white background.

Color Contrast Check

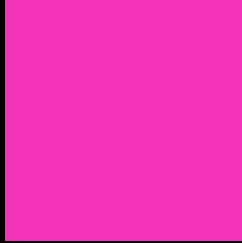
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.733, 341.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

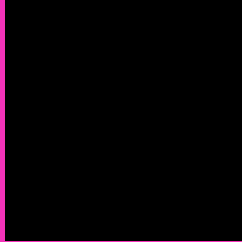
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 84.733, 341.704

Background



This preview shows how black text looks on a background with the CIELCh color 57, 84.733, 341.704.

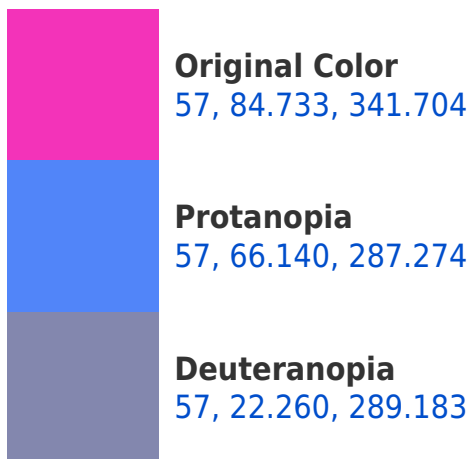


This preview shows how white text looks on a background with the CIELCh color 57, 84.733, 341.704.

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, 64.894, 26.411

Trichromacy



Original Color
57, 84.733, 341.704



Protanomaly
53, 71.407, 306.055



Deuteranomaly
54, 48.212, 324.223



Tritanomaly
57, 66.761, 6.682

Monochromacy



Original Color
57, 84.733, 341.704



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 38.367, 337.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 84.733, 341.704 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(243, 51, 185)` looks like.

```
.text, #text, p{  
    color:rgb(243, 51, 185)  
}
```

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(243, 51, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 51, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 84.733, 341.704 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(243, 51, 185) }
```

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

```
.border{ border-color:rgb(243, 51, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 51, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 51, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 51, 185);  
box-shadow:4px 4px 4px 4px rgb(243, 51,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 84.733, 341.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 51, 185) }
```

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

```
.background{ background-color: rgb(243, 51,  
185) }
```

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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