

Converting Colors

CIELCh(58, 87.183, 340.916)

Have a look what the booklet for
CIELCh(58, 87.183, 340.916)
contains.

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Color

CIELCh(58, 87.243, 341.007)

Conversions

Conversions Part 1

Format	Color
Hex	F832BF
RGB	248, 50, 191
RGB Percent	97%, 20%, 75%
CMY	0.0279, 0.8045, 0.2514
CMYK	0.00, 0.80, 0.23, 0.03
HSL	317°, 93%, 58%
HSV	317°, 80%, 97%
XYZ	49.1985, 25.9610, 51.6504
YIQ	125.2760, 72.7470, 85.8270

Conversions

Conversions Part 2

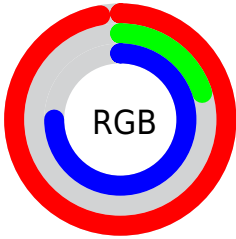
Format	Color
R _Y B	248, 50, 191
Decimal	16265919
CIE _{Lab}	58.00, 82.49, -28.39
CIE _{LCh}	58, 87.243, 341.007
Yxy	25.9610, 0.3880, 0.2047
Android (android.graphics.Color)	4294455999 (0xFFFF832BF)
YUV	125.2760, 32.4019, 107.6289
Hunter-Lab	50.9519, 83.1912, -24.4365

Details

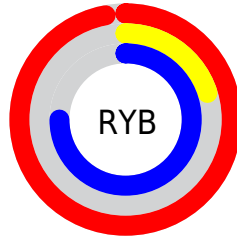
The CIELCh color **58, 87.243, 341.007** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **86, 92.080, 144.239**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 79.369, 328.779**, and **42, 74.693, 342.563** is the 20% darker color. If you saturate the color by 10%, you get **56, 90.269, 342.532**, and if you desaturate by 10%, it is **61, 81.342, 339.730**.

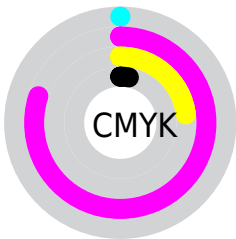
Distribution



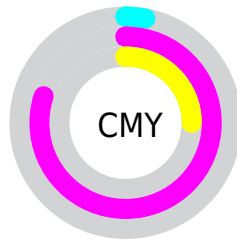
- Red (97%)
- Green (20%)
- Blue (75%)



- Red (97%)
- Yellow (20%)
- Blue (75%)



- Cyan (0%)
- Magenta (80%)
- Yellow (23%)
- Black (3%)





- Cyan (3%)
- Magenta (80%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 87.243, 341.007 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 58, 87.243, 341.007 by changing the saturation by 10% instead.

 58, 87.243,
341.007


 58, 87.243,
341.007

 100, 87.243,
341.007


 48, 87.243,
341.007


 78, 87.243,
341.007

 38, 87.243,
341.007

 88, 87.243,
341.007

 28, 87.243,
341.007

 98, 87.243,
341.007

 18, 87.243,
341.007

 8, 87.243, 341.007

 0, 87.243, 341.007

■ 58, 87.243,
341.007

■ 58, 87.243,
341.007

■ 56, 90.269,
342.532

■ 61, 81.342,
339.730

■ 55, 90.755,
344.353

■ 64, 72.909,
338.630

■ 55, 90.756,
344.374

■ 69, 62.519,
337.654

■ 74, 50.801,
336.767

■ 79, 38.307,
335.945

■ 85, 25.468,
335.175

■ 91, 12.588,
334.439

■ 98, 0.134, 156.733

Harmonies

Complementary

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



58, 87.243, 341.007



86, 92.080, 144.239

Rectangle

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



58, 87.243, 341.007



58, 87.243, 31.007



58, 87.243, 161.007



58, 87.243, 211.007

Sweetspot

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



58, 87.239, 341.007



85, 31.482, 335.489



41, 112.142, 307.789



43, 21.631, 335.766



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 87.239, 341.007



57, 92.706, 343.646



55, 78.028, 18.860



49, 7.283, 334.411



42, 74.172, 344.023



10, 34.393, 341.487

Inverse Universe

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



58, 87.239, 341.007



57, 92.706, 343.646



88, 56.767, 172.531



49, 7.283, 334.411



42, 74.172, 344.023



10, 34.393, 341.487

Previews

White Background



This preview shows how the CIELCh color 58, 87.243, 341.007 looks on a white background.

Color Contrast Check

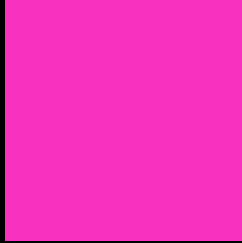
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 87.243, 341.007 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 58, 87.243, 341.007

Background



This preview shows how black text looks on a background with the CIELCh color 58, 87.243, 341.007.

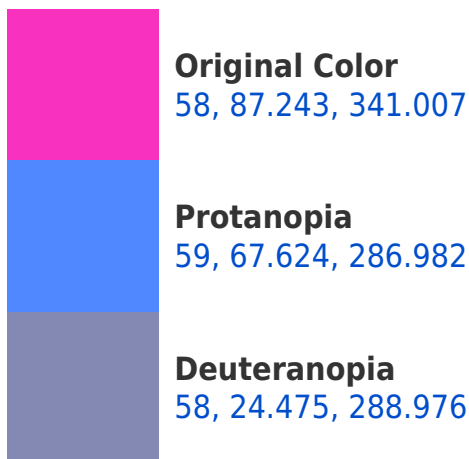


This preview shows how white text looks on a background with the CIELCh color 58, 87.243, 341.007.

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
58, 66.420, 26.597

Trichromacy



Original Color
58, 87.243, 341.007



Protanomaly
54, 73.378, 305.614



Deuteranomaly
55, 50.609, 322.908



Tritanomaly
57, 68.375, 6.716

Monochromacy



Original Color
58, 87.243, 341.007



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 39.530, 337.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 87.243, 341.007 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, 50, 191)` looks like.

```
.text, #text, p{  
    color:rgb(248, 50, 191)  
}
```

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, 50, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 50, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 87.243, 341.007 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, 50, 191) }
```

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

```
.border{ border-color:rgb(248, 50, 191) }
```

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

Here you see how a box with a 4 pixel rgb(248, 50, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 50, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 50, 191);  
box-shadow:4px 4px 4px 4px rgb(248, 50,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 87.243, 341.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 50, 191) }
```

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

```
.background{ background-color: rgb(248, 50,  
191) }
```

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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