

Converting Colors

CIELCh(58, 93.546, 340.723)

Have a look what the booklet for
CIELCh(58, 93.546, 340.723)
contains.

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Color

CIELCh(58, 93.431, 340.724)

Conversions

Conversions Part 1

Format	Color
Hex	FE1DC3
RGB	254, 29, 195
RGB Percent	100%, 11%, 76%
CMY	0.0025, 0.8870, 0.2341
CMYK	0.00, 0.89, 0.23, 0.00
HSL	316°, 99%, 56%
HSV	316°, 89%, 100%
XYZ	51.3239, 25.9610, 54.1226
YIQ	115.1990, 80.8140, 99.3260

Conversions

Conversions Part 2

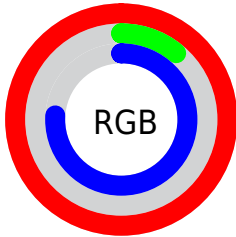
Format	Color
RYB	254, 29, 195
Decimal	16653763
CIELab	58.00, 88.19, -30.84
CIELCh	58, 93.431, 340.724
Yxy	25.9610, 0.3906, 0.1976
Android (android.graphics.Color)	4294843843 (0xFFFE1DC3)
YUV	115.1990, 39.3419, 121.7285
Hunter-Lab	50.9519, 90.6372, -27.3132

Details

The CIELCh color **58, 93.431, 340.724** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 102.599, 141.733**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 85.942, 327.986**, and **43, 76.241, 342.475** is the 20% darker color. If you saturate the color by 10%, you get **57, 94.156, 342.296**, and if you desaturate by 10%, it is **60, 89.921, 339.402**.

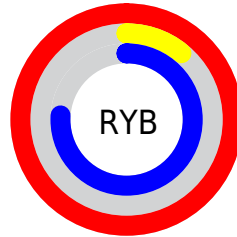
Distribution



Red (100%)

Green (11%)

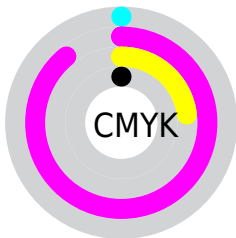
Blue (76%)



Red (100%)

Yellow (11%)

Blue (76%)

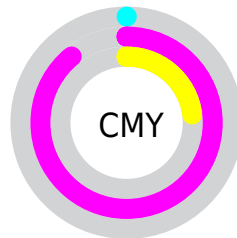


Cyan (0%)

Magenta (89%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 93.431, 340.724 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, 93.431, 340.724 by changing the saturation by 10% instead.

 58, 93.431,
340.724


 58, 93.431,
340.724


 100, 93.431,
340.724

 48, 93.431,
340.724

 78, 93.431,
340.724

 38, 93.431,
340.724

 88, 93.431,
340.724

 28, 93.431,
340.724

 98, 93.431,
340.724

 18, 93.431,
340.724

 8, 93.431, 340.724

 0, 93.431, 340.724

■ 58, 93.431,
340.724

■ 58, 93.431,
340.724

■ 57, 94.156,
342.296

■ 60, 89.921,
339.402

■ 57, 94.163,
342.516

■ 63, 83.477,
338.273

■ 67, 74.473,
337.282

■ 71, 63.514,
336.385

■ 76, 51.241,
335.555

■ 82, 38.211,
334.777

■ 88, 24.854,
334.039

■ 94, 11.475,

333.326

100, 0.223,
202.365

Harmonies

Complementary

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



58, 93.431, 340.724



88, 102.599, 141.733

Rectangle

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



58, 93.431, 340.724



58, 93.431, 30.724



58, 93.431, 160.724



58, 93.431, 210.724

Sweetspot

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



58, 93.427, 340.724



83, 36.065, 334.651



38, 123.975, 307.621



42, 24.285, 334.910



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, 93.427, 340.724



57, 94.341, 342.519



55, 84.559, 20.443



50, 7.543, 333.385



43, 76.224, 342.203



11, 35.852, 340.095

Inverse Universe

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



58, 93.427, 340.724



57, 94.341, 342.519



90, 63.307, 167.957



50, 7.543, 333.385



43, 76.224, 342.203



11, 35.852, 340.095

Previews

White Background



This preview shows how the CIELCh color 58, 93.431, 340.724 looks on a white background.

Color Contrast Check

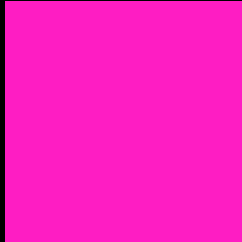
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.431, 340.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

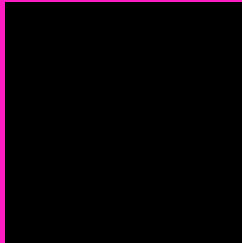
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 93.431, 340.724

Background



This preview shows how black text looks on a background with the CIELCh color 58, 93.431, 340.724.



This preview shows how white text looks on a background with the CIELCh color 58, 93.431, 340.724.

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



Original Color
58, 93.281, 340.738

Protanopia
59, 67.624, 286.982

Deuteranopia
58, 26.202, 288.014



Tritanopia
58, 71.610, 27.845

Trichromacy



Original Color
58, 93.281, 340.738



Protanomaly
52, 78.759, 307.440



Deuteranomaly
53, 56.455, 322.837



Tritanomaly
57, 73.788, 6.834

Monochromacy



Original Color
58, 93.281, 340.738



Achromatopsia
48, 0.006, 296.813



Achromatomaly
48, 45.428, 336.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 93.431, 340.724 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, 29, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 29, 195)  
}
```

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, 29, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 29, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 93.431, 340.724 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, 29, 195) }
```

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

```
.border{ border-color:rgb(254, 29, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 29, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 29, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 29, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 29,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 93.431, 340.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 29, 195) }
```

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

```
.background{ background-color: rgb(254, 29,  
195) }
```

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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