

Converting Colors

CIELCh(60, 67.521, 8.366)

Have a look what the booklet for
CIELCh(60, 67.521, 8.366) contains.

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Color

CIELCh(60, 67.288, 8.600)

Conversions

Conversions Part 1

Format	Color
Hex	FA5382
RGB	250, 83, 130
RGB Percent	98%, 33%, 51%
CMY	0.0196, 0.6745, 0.4902
CMYK	0.00, 0.67, 0.48, 0.02
HSL	343°, 94%, 65%
HSV	343°, 67%, 98%
XYZ	46.5485, 28.1233, 24.0952
YIQ	138.2910, 84.4450, 50.0210

Conversions

Conversions Part 2

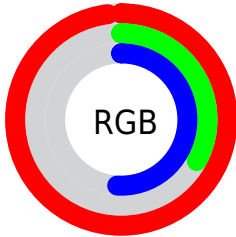
Format	Color
R _Y B	250, 83, 130
Decimal	16405378
CIE Lab	60.00, 66.53, 10.06
CIE LCh	60, 67.288, 8.600
Yxy	28.1233, 0.4713, 0.2847
Android (android.graphics.Color)	4294595458 (0xFFFA5382)
YUV	138.2910, -4.0875, 97.9688
Hunter-Lab	53.0314, 63.8740, 10.1832

Details

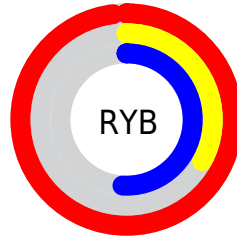
The CIELCh color **60, 67.288, 8.600** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **89, 54.612, 169.349**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 47.832, 356.869**, and **40, 67.189, 8.738** is the 20% darker color. If you saturate the color by 10%, you get **57, 75.136, 12.221**, and if you desaturate by 10%, it is **64, 58.094, 5.752**.

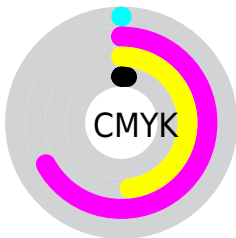
Distribution



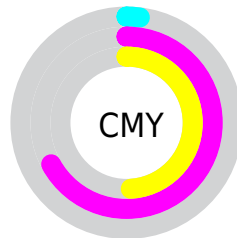
- Red (98%)
- Green (33%)
- Blue (51%)



- Red (98%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (67%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 67.288, 8.600 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 60, 67.288, 8.600 by changing the saturation by 10% instead.

 60, 67.288, 8.600  60, 67.288, 8.600

 100, 67.288, 8.600  50, 67.288, 8.600

 80, 67.288, 8.600  40, 67.288, 8.600

 90, 67.288, 8.600  30, 67.288, 8.600

 20, 67.288, 8.600

 10, 67.288, 8.600

 0, 67.288, 8.600

 60, 67.288, 8.600  60, 67.288, 8.600

 57, 75.136, 12.221  64, 58.094, 5.752

 54, 81.419, 16.752  69, 48.011, 3.498

■ 53, 86.321, 22.167

■ 75, 37.501, 1.684

■ 53, 87.827, 23.948

■ 81, 26.937, 0.192

■ 87, 16.575,
358.935

■ 94, 6.566, 357.819

■ 100, 1.734,
199.677

Harmonies

Complementary

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



60, 67.288, 8.600



89, 54.612, 169.349

Rectangle

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



60, 67.288, 8.600



60, 67.288, 58.600



60, 67.288, 188.600



60, 67.288, 238.600

Sweetspot

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



60, 67.284, 8.602



87, 20.185, 359.320



58, 94.871, 318.742



44, 13.844, 359.671



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 67.284, 8.602



57, 78.545, 13.606



65, 64.197, 42.329



49, 5.523, 358.116



40, 70.619, 22.865



9, 30.634, 13.239

Inverse Universe

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



60, 67.284, 8.602



57, 78.545, 13.606



80, 37.523, 228.723



49, 5.523, 358.116



40, 70.619, 22.865



9, 30.634, 13.239

Previews

White Background



This preview shows how the CIELCh color 60, 67.288, 8.600 looks on a white background.

Color Contrast Check

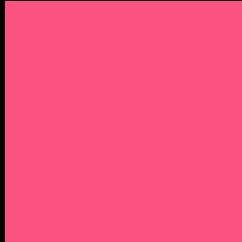
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 67.288, 8.600 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 60, 67.288, 8.600

Background



This preview shows how black text looks on a background with the CIELCh color 60, 67.288, 8.600.



This preview shows how white text looks on a background with the CIELCh color 60, 67.288, 8.600.

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
60, 67.288, 8.600

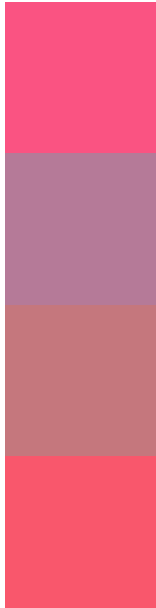
Protanopia
60, 11.306, 287.741

Deuteranopia
60, 15.269, 58.707



Tritanopia
60, 67.531, 26.108

Trichromacy



Original Color
60, 67.288, 8.600

Protanomaly
58, 28.334, 346.212

Deuteranomaly
59, 32.740, 17.461

Tritanomaly
60, 66.948, 19.866

Monochromacy



Original Color
60, 67.288, 8.600

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 26.347, 1.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 67.288, 8.600 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(250, 83, 130)` looks like.

```
.text, #text, p{  
    color:rgb(250, 83, 130)  
}
```

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(250, 83, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 83, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 67.288, 8.600 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(250, 83, 130) }
```

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

```
.border{ border-color:rgb(250, 83, 130) }
```

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

Here you see how a box with a 4 pixel rgb(250, 83, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 83, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 83, 130);  
box-shadow:4px 4px 4px 4px rgb(250, 83,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 67.288, 8.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 83, 130) }
```

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

```
.background{ background-color: rgb(250, 83,  
130) }
```

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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