

Converting Colors

CIELCh(60, 70.009, 8.481)

Have a look what the booklet for
CIELCh(60, 70.009, 8.481) contains.

CIELCh(60, 70.260, 8.322)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 70.260, 8.322)

Conversions

Conversions Part 1

Format	Color
Hex	FE4E82
RGB	254, 78, 130
RGB Percent	100%, 31%, 51%
CMY	0.0040, 0.6942, 0.4903
CMYK	0.00, 0.69, 0.49, 0.00
HSL	342°, 99%, 65%
HSV	342°, 69%, 100%
XYZ	47.6156, 28.1233, 24.0312
YIQ	136.5520, 88.2040, 53.4840

Conversions

Conversions Part 2

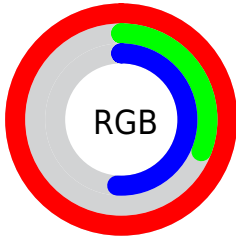
Format	Color
R_{YB}	254, 78, 130
Decimal	16666242
CIE _{Lab}	60.00, 69.52, 10.17
CIE _{LCh}	60, 70.260, 8.322
Yxy	28.1233, 0.4773, 0.2819
Android (android.graphics.Color)	4294856322 (0xFFFE4E82)
YUV	136.5520, -3.2301, 103.0019
Hunter-Lab	53.0314, 67.4656, 10.2548

Details

The CIELCh color **60, 70.260, 8.322** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **90, 57.518, 167.867**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 49.375, 355.958**, and **41, 68.029, 9.458** is the 20% darker color. If you saturate the color by 10%, you get **57, 77.652, 12.114**, and if you desaturate by 10%, it is **64, 61.357, 5.339**.

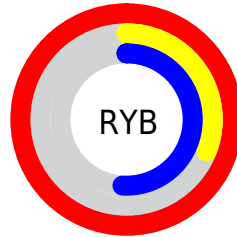
Distribution



Red (100%)

Green (31%)

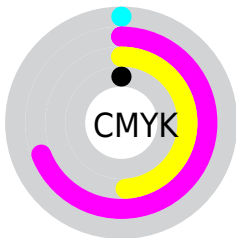
Blue (51%)



Red (100%)

Yellow (31%)

Blue (51%)

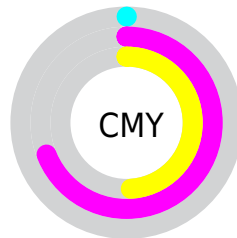


Cyan (0%)

Magenta (69%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 70.260, 8.322 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, 70.260, 8.322 by changing the saturation by 10% instead.

 60, 70.260, 8.322  60, 70.260, 8.322

 100, 70.260, 8.322  50, 70.260, 8.322

 80, 70.260, 8.322  40, 70.260, 8.322

 90, 70.260, 8.322  30, 70.260, 8.322

 20, 70.260, 8.322

 10, 70.260, 8.322

 0, 70.260, 8.322

 60, 70.260, 8.322  60, 70.260, 8.322

 57, 77.652, 12.114  64, 61.357, 5.339

 55, 83.395, 16.838  69, 51.384, 2.982

■ 54, 87.905, 22.363

■ 75, 40.826, 1.092

■ 54, 88.229, 22.752

■ 81, 30.098,
359.543

■ 87, 19.497,
358.242

■ 93, 9.206, 357.109

100, 0.355,
201.249

Harmonies

Complementary

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



60, 70.260, 8.322



90, 57.518, 167.867

Rectangle

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



60, 70.260, 8.322



60, 70.260, 58.322



60, 70.260, 188.322



60, 70.260, 238.322

Sweetspot

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



60, 70.256, 8.324



86, 21.359, 358.450



57, 98.912, 318.252



44, 14.526, 358.798



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, 70.256, 8.324



56, 80.222, 13.762



65, 68.609, 41.379



50, 5.653, 357.132



40, 70.842, 21.674



10, 31.480, 13.067

Inverse Universe

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



60, 70.256, 8.324



56, 80.222, 13.762



81, 38.785, 226.488



50, 5.653, 357.132



40, 70.842, 21.674



10, 31.480, 13.067

Previews

White Background



This preview shows how the CIELCh color 60, 70.260, 8.322 looks on a white background.

Color Contrast Check

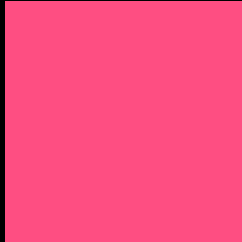
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.260, 8.322 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, 70.260, 8.322

Background



This preview shows how black text looks on a background with the CIELCh color 60, 70.260, 8.322.



This preview shows how white text looks on a background with the CIELCh color 60, 70.260, 8.322.

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, 70.260, 8.322

Protanopia

60, 12.451, 286.559

Deuteranopia

60, 15.657, 60.179



Tritanopia
60, 71.173, 27.350

Trichromacy



Original Color
60, 70.260, 8.322



Protanomaly
58, 30.176, 345.041



Deuteranomaly
58, 34.468, 17.107



Tritanomaly
60, 70.028, 20.626

Monochromacy



Original Color
60, 70.260, 8.322



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 27.687, 1.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 70.260, 8.322 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, 78, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 78, 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(254, 78, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 78, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 70.260, 8.322 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, 78, 130) }
```

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

```
.border{ border-color:rgb(254, 78, 130) }
```

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

Here you see how a box with a 4 pixel rgb(254, 78, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 78, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 78, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 78,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 70.260, 8.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 78, 130) }
```

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

```
.background{ background-color: rgb(254, 78,  
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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