

Converting Colors

CIELCh(60, 71.319, 13.734)

Have a look what the booklet for
CIELCh(60, 71.319, 13.734) contains.

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Color

CIELCh(60, 70.956, 13.920)

Conversions

Conversions Part 1

Format	Color
Hex	FF4E76
RGB	255, 78, 118
RGB Percent	100%, 31%, 46%
CMY	0.0000, 0.6929, 0.5363
CMYK	0.00, 0.69, 0.54, 0.00
HSL	346°, 100%, 65%
HSV	346°, 69%, 100%
XYZ	47.3829, 28.1233, 20.1457
YIQ	135.4830, 92.6520, 49.9640

Conversions

Conversions Part 2

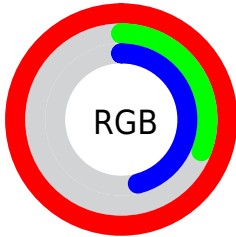
Format	Color
R_{YB}	255, 78, 118
Decimal	16731766
CIE _{Lab}	60.00, 68.87, 17.07
CIE _{LCh}	60, 70.956, 13.920
Yxy	28.1233, 0.4954, 0.2940
Android (android.graphics.Color)	4294921846 (0xFFFF4E76)
YUV	135.4830, -8.6191, 104.8164
Hunter-Lab	53.0314, 66.6823, 14.5988

Details

The CIELCh color **60, 70.956, 13.920** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **91, 53.902, 173.402**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 47.744, 3.909**, and **41, 69.113, 15.247** is the 20% darker color. If you saturate the color by 10%, you get **57, 79.117, 17.887**, and if you desaturate by 10%, it is **64, 61.349, 10.696**.

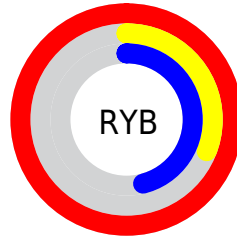
Distribution



Red (100%)

Green (31%)

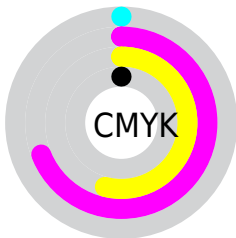
Blue (46%)



Red (100%)

Yellow (31%)

Blue (46%)

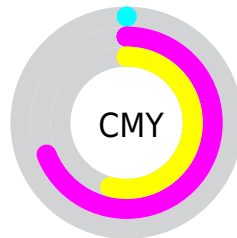


Cyan (0%)

Magenta (69%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 70.956, 13.920 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, 70.956, 13.920 by changing the saturation by 10% instead.

 60, 70.956, 13.920

 60, 70.956, 13.920

 100, 70.956,
13.920

 50, 70.956, 13.920

 80, 70.956, 13.920

 40, 70.956, 13.920

 90, 70.956, 13.920

 30, 70.956, 13.920

 20, 70.956, 13.920

 10, 70.956, 13.920

 0, 70.956, 13.920

 60, 70.956, 13.920

 60, 70.956, 13.920

 57, 79.117, 17.887

 64, 61.349, 10.696

 55, 86.025, 22.780

 69, 51.013, 8.192

■ 54, 91.874, 28.268

■ 75, 40.283, 6.201

■ 54, 92.291, 28.642

■ 81, 29.539, 4.591

■ 87, 19.044, 3.258

■ 94, 8.952, 2.112

100, 0.012,
296.813

Harmonies

Complementary

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



60, 70.956, 13.920



91, 53.902, 173.402

Rectangle

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



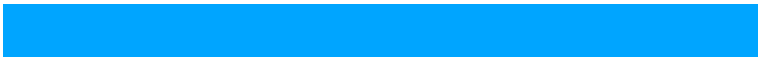
60, 70.956, 13.920



60, 70.956, 63.920



60, 70.956, 193.920



60, 70.956, 243.920

Sweetspot

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



60, 70.847, 13.876



86, 20.813, 3.470



59, 99.256, 320.310



44, 14.173, 3.825



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, 70.847, 13.876



56, 81.835, 19.603



67, 66.501, 46.183



50, 5.482, 2.135



40, 73.700, 27.585



10, 31.833, 17.368

Inverse Universe

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



60, 70.847, 13.876



56, 81.835, 19.603



78, 39.372, 237.955



50, 5.482, 2.135



40, 73.700, 27.585



10, 31.833, 17.368

Previews

White Background



This preview shows how the CIELCh color 60, 70.956, 13.920 looks on a white background.

Color Contrast Check

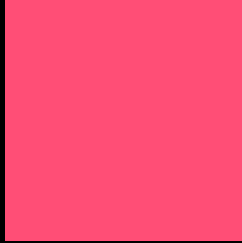
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.956, 13.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

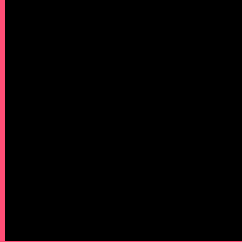
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 70.956, 13.920

Background



This preview shows how black text looks on a background with the CIELCh color 60, 70.956, 13.920.

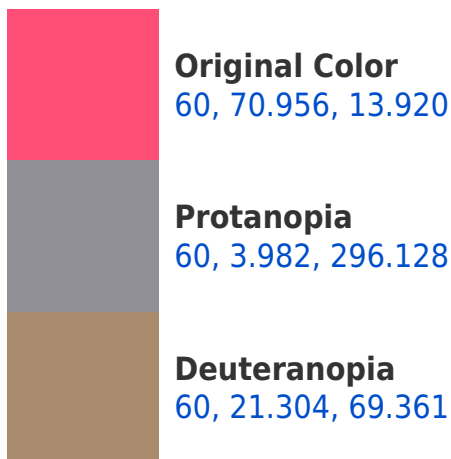


This preview shows how white text looks on a background with the CIELCh color 60, 70.956, 13.920.

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](#).

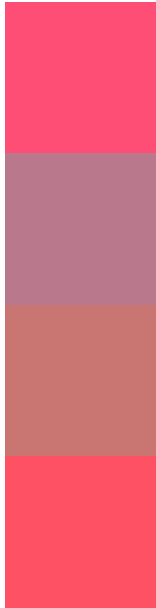
Dichromacy





Tritanopia
60, 72.495, 27.691

Trichromacy



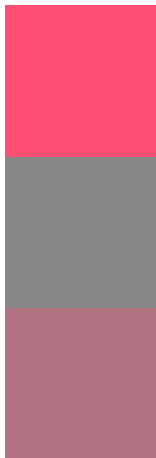
Original Color
60, 70.956, 13.920

Protanomaly
58, 28.064, 0.531

Deuteranomaly
58, 36.431, 27.002

Tritanomaly
60, 71.413, 22.663

Monochromacy



Original Color
60, 70.956, 13.920

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 27.375, 4.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 70.956, 13.920 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(255, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 118)  
}
```

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(255, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 70.956, 13.920 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(255, 78, 118) }
```

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

```
.border{ border-color:rgb(255, 78, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 78, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 70.956, 13.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 118) }
```

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

```
.background{ background-color: rgb(255, 78,  
118) }
```

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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