

Converting Colors

CIELCh(60, 71.879, 19.106)

Have a look what the booklet for
CIELCh(60, 71.879, 19.106) contains.

CIELCh(60, 71.661, 19.024)	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, 71.661, 19.024)

Conversions

Conversions Part 1

Format	Color
Hex	FF506B
RGB	255, 80, 107
RGB Percent	100%, 31%, 42%
CMY	0.0000, 0.6879, 0.5786
CMYK	0.00, 0.69, 0.58, 0.00
HSL	350°, 100%, 66%
HSV	350°, 69%, 100%
XYZ	46.9806, 28.1233, 16.9911
YIQ	135.4030, 95.6330, 45.4970

Conversions

Conversions Part 2

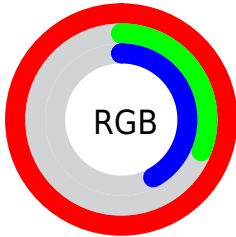
Format	Color
R_{YB}	255, 80, 107
Decimal	16732267
CIE _{Lab}	60.00, 67.75, 23.36
CIE _{LCh}	60, 71.661, 19.024
Yxy	28.1233, 0.5101, 0.3054
Android (android.graphics.Color)	4294922347 (0xFFFF506B)
YUV	135.4030, -14.0027, 104.8866
Hunter-Lab	53.0314, 65.3282, 18.1257

Details

The CIELCh color **60, 71.661, 19.024** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **91, 50.423, 179.527**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 46.788, 12.101**, and **40, 70.483, 20.142** is the 20% darker color. If you saturate the color by 10%, you get **57, 80.707, 22.985**, and if you desaturate by 10%, it is **64, 61.212, 15.726**.

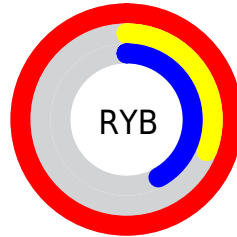
Distribution



Red (100%)

Green (31%)

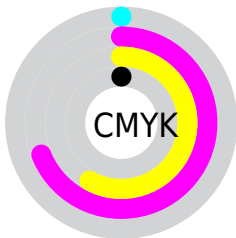
Blue (42%)



Red (100%)

Yellow (31%)

Blue (42%)

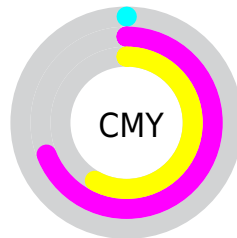


Cyan (0%)

Magenta (69%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 71.661, 19.024 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, 71.661, 19.024 by changing the saturation by 10% instead.

 60, 71.661, 19.024

 60, 71.661, 19.024

 100, 71.661,
19.024

 50, 71.661, 19.024

 80, 71.661, 19.024

 40, 71.661, 19.024

 90, 71.661, 19.024

 30, 71.661, 19.024

 20, 71.661, 19.024

 10, 71.661, 19.024

 0, 71.661, 19.024

 60, 71.661, 19.024

 60, 71.661, 19.024

 57, 80.707, 22.985

 64, 61.212, 15.726

 55, 88.821, 27.777

 69, 50.407, 13.186

■ 53, 95.754, 32.878

■ 75, 39.431, 11.182

■ 53, 96.556, 33.440

■ 81, 28.616, 9.581

■ 87, 18.187, 8.273

■ 94, 8.265, 7.162

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, 71.661, 19.024



91, 50.423, 179.527

Rectangle

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



60, 71.661, 19.024



60, 71.661, 69.024



60, 71.661, 199.024



60, 71.661, 249.024

Sweetspot

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



60, 71.436, 18.954



86, 20.455, 8.542



61, 98.875, 322.406



44, 13.948, 8.893



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, 71.436, 18.954



56, 84.272, 24.924



69, 64.068, 51.542



50, 5.359, 7.238



40, 77.021, 32.499



10, 32.227, 20.641

Inverse Universe

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



60, 71.436, 18.954



56, 84.272, 24.924



75, 41.076, 248.835



50, 5.359, 7.238



40, 77.021, 32.499



10, 32.227, 20.641

Previews

White Background



This preview shows how the CIELCh color 60, 71.661, 19.024 looks on a white background.

Color Contrast Check

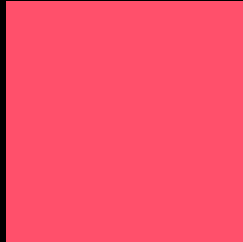
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 71.661, 19.024 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, 71.661, 19.024

Background



This preview shows how black text looks on a background with the CIELCh color 60, 71.661, 19.024.

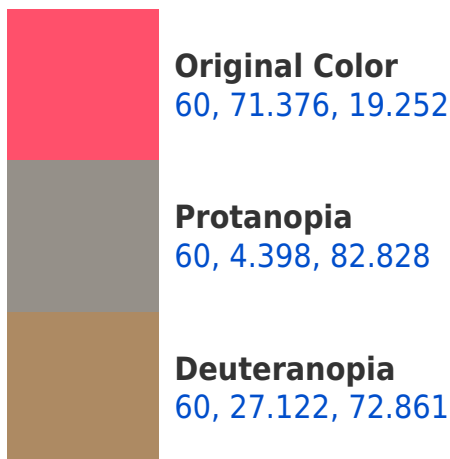


This preview shows how white text looks on a background with the CIELCh color 60, 71.661, 19.024.

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](#).

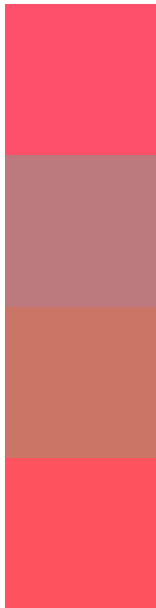
Dichromacy





Tritanopia
60, 73.350, 27.891

Trichromacy



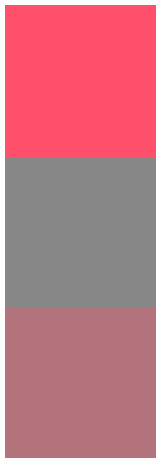
Original Color
60, 71.376, 19.252

Protanomaly
58, 28.056, 16.975

Deuteranomaly
58, 39.479, 35.530

Tritanomaly
60, 72.251, 24.781

Monochromacy



Original Color
60, 71.376, 19.252

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 27.046, 10.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 71.661, 19.024 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, 80, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 107)  
}
```

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, 80, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 71.661, 19.024 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, 80, 107) }
```

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

```
.border{ border-color:rgb(255, 80, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 80, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 71.661, 19.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 107) }
```

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

```
.background{ background-color: rgb(255, 80,  
107) }
```

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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