

Converting Colors

CIELCh(60, 72.999, 22.196)

Have a look what the booklet for
CIELCh(60, 72.999, 22.196) contains.

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Color

CIELCh(60, 72.609, 22.043)

Conversions

Conversions Part 1

Format	Color
Hex	FF5065
RGB	255, 80, 101
RGB Percent	100%, 31%, 40%
CMY	0.0000, 0.6863, 0.6048
CMYK	0.00, 0.69, 0.60, 0.00
HSL	353°, 100%, 66%
HSV	353°, 69%, 100%
XYZ	46.8219, 28.1233, 15.2147
YIQ	134.7190, 97.5590, 43.6310

Conversions

Conversions Part 2

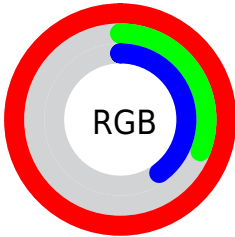
Format	Color
R_{YB}	255, 80, 101
Decimal	16732261
CIE _{Lab}	60.00, 67.30, 27.25
CIE _{LCh}	60, 72.609, 22.043
Yxy	28.1233, 0.5193, 0.3119
Android (android.graphics.Color)	4294922341 (0xFFFF5065)
YUV	134.7190, -16.6235, 105.4864
Hunter-Lab	53.0314, 64.7942, 20.1117

Details

The CIELCh color **60, 72.609, 22.043** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **91, 48.669, 183.508**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 46.920, 16.031**, and **40, 71.038, 22.337** is the 20% darker color. If you saturate the color by 10%, you get **57, 82.098, 25.925**, and if you desaturate by 10%, it is **64, 61.534, 18.729**.

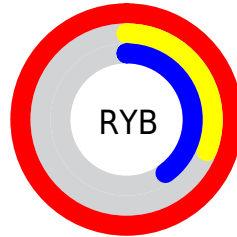
Distribution



Red (100%)

Green (31%)

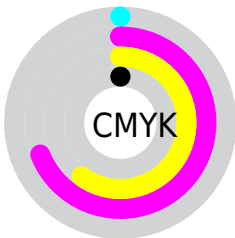
Blue (40%)



Red (100%)

Yellow (31%)

Blue (40%)

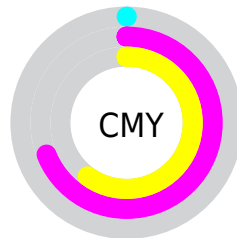


Cyan (0%)

Magenta (69%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 72.609, 22.043 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, 72.609, 22.043 by changing the saturation by 10% instead.

 60, 72.609, 22.043

 60, 72.609, 22.043

 100, 72.609,
22.043

 50, 72.609, 22.043

 80, 72.609, 22.043

 40, 72.609, 22.043

 90, 72.609, 22.043

 30, 72.609, 22.043

 20, 72.609, 22.043

 10, 72.609, 22.043

 0, 72.609, 22.043

 60, 72.609, 22.043

 60, 72.609, 22.043

 57, 82.098, 25.925

 64, 61.534, 18.729

 54, 90.868, 30.553

 69, 50.410, 16.199

■ 53, 98.189, 35.232

■ 75, 39.241, 14.213

■ 53, 99.090, 35.777

■ 81, 28.338, 12.640

■ 87, 17.902, 11.369

■ 94, 8.036, 10.298

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, 72.609, 22.043



91, 48.669, 183.508

Rectangle

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



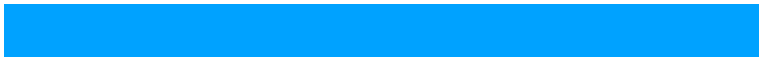
60, 72.609, 22.043



60, 72.609, 72.043



60, 72.609, 202.043



60, 72.609, 252.043

Sweetspot

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



60, 72.223, 21.944



86, 20.324, 11.648



62, 98.841, 323.465



44, 13.871, 11.989



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, 72.223, 21.944



56, 85.188, 27.427



71, 63.193, 54.410



50, 5.308, 10.388



40, 79.061, 34.953



10, 32.476, 22.333

Inverse Universe

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



60, 72.223, 21.944



56, 85.188, 27.427



74, 42.454, 253.940



50, 5.308, 10.388



40, 79.061, 34.953



10, 32.476, 22.333

Previews

White Background



This preview shows how the CIELCh color 60, 72.609, 22.043 looks on a white background.

Color Contrast Check

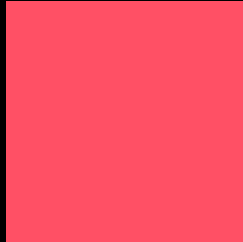
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.609, 22.043 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, 72.609, 22.043

Background



This preview shows how black text looks on a background with the CIELCh color 60, 72.609, 22.043.



This preview shows how white text looks on a background with the CIELCh color 60, 72.609, 22.043.

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, 72.186, 21.851

Protanopia

60, 8.895, 90.534

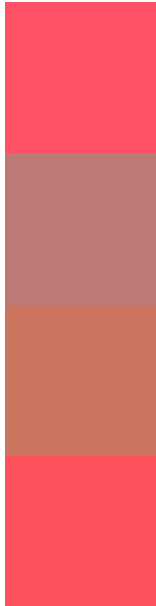
Deuteranopia

60, 30.741, 75.569



Tritanopia
60, 73.812, 28.033

Trichromacy



Original Color
60, 72.186, 21.851

Protanomaly
58, 29.014, 24.835

Deuteranomaly
58, 41.317, 40.340

Tritanomaly
60, 73.066, 25.773

Monochromacy



Original Color
60, 72.186, 21.851

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 27.004, 13.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 72.609, 22.043 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 72.609, 22.043 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, 101) }
```

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

```
.border{ border-color:rgb(255, 80, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 80, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 80, 101); box-shadow:4px 4px 4px 4px rgb(255, 80, 101) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 72.609, 22.043 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, 101) }
```

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

```
.background{ background-color: rgb(255, 80,  
101) }
```

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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