

Converting Colors

CIELCh(61, 73.066, 355.196)

Have a look what the booklet for
CIELCh(61, 73.066, 355.196)
contains.

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Color

CIELCh(61, 72.803, 355.383)

Conversions

Conversions Part 1

Format	Color
Hex	FF4EA0
RGB	255, 78, 160
RGB Percent	100%, 31%, 63%
CMY	0.0000, 0.6941, 0.3725
CMYK	0.00, 0.69, 0.37, 0.00
HSL	332°, 100%, 65%
HSV	332°, 69%, 100%
XYZ	50.3113, 29.2481, 36.2524
YIQ	140.2710, 79.1700, 63.0260

Conversions

Conversions Part 2

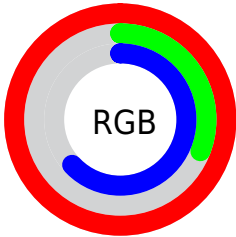
Format	Color
R_{YB}	255, 78, 160
Decimal	16731808
CIE _{Lab}	61.00, 72.57, -5.86
CIE _{LCh}	61, 72.803, 355.383
Yxy	29.2481, 0.4344, 0.2525
Android (android.graphics.Color)	4294921888 (0xFFFF4EA0)
YUV	140.2710, 9.7264, 100.6173
Hunter-Lab	54.0815, 71.4134, -1.8867

Details

The CIELCh color **61, 72.803, 355.383** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 68.147, 157.098**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 57.239, 339.836**, and **42, 69.850, 356.117** is the 20% darker color. If you saturate the color by 10%, you get **58, 78.891, 358.221**, and if you desaturate by 10%, it is **65, 64.599, 353.138**.

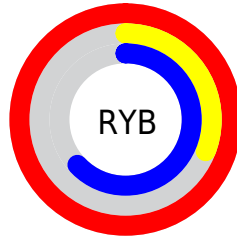
Distribution



Red (100%)

Green (31%)

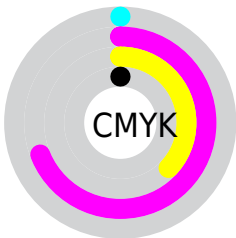
Blue (63%)



Red (100%)

Yellow (31%)

Blue (63%)

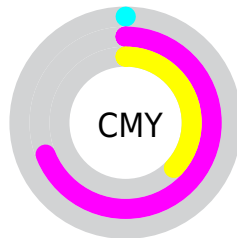


Cyan (0%)

Magenta (69%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (69%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 72.803, 355.383 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 61, 72.803, 355.383 by changing the saturation by 10% instead.

 61, 72.803,
355.383


 61, 72.803,
355.383


 100, 72.803,
355.383

 51, 72.803,
355.383


 81, 72.803,
355.383

 41, 72.803,
355.383

 91, 72.803,
355.383

 31, 72.803,
355.383

 21, 72.803,
355.383

 11, 72.803,
355.383

 1, 72.803, 355.383

 0, 72.803, 355.383

61, 72.803,
355.383

61, 72.803,
355.383

58, 78.891,
358.221

65, 64.599,
353.138

56, 82.607, 1.829

70, 54.834,
351.327

55, 84.331, 6.281

75, 44.089,
349.829

55, 84.423, 6.556

81, 32.861,
348.556

87, 21.519,
347.449

94, 10.306,
346.453

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.



61, 72.803, 355.383



90, 68.147, 157.098

Rectangle

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



61, 72.803, 355.383



61, 72.803, 45.383



61, 72.803, 175.383



61, 72.803, 225.383

Sweetspot

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



61, 72.798, 355.383



86, 23.323, 347.616



53, 99.715, 313.366



44, 15.825, 347.914



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 72.798, 355.383



57, 80.500, 359.420



60, 75.794, 31.977



50, 6.230, 346.462



41, 68.009, 5.650



10, 31.571, 359.491

Inverse Universe

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



61, 72.798, 355.383



57, 80.500, 359.420



90, 43.536, 200.845



50, 6.230, 346.462



41, 68.009, 5.650



10, 31.571, 359.491

Previews

White Background



This preview shows how the CIELCh color 61, 72.803, 355.383 looks on a white background.

Color Contrast Check

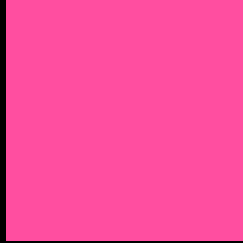
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 72.803, 355.383 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 61, 72.803, 355.383

Background



This preview shows how black text looks on a background with the CIELCh color 61, 72.803, 355.383.

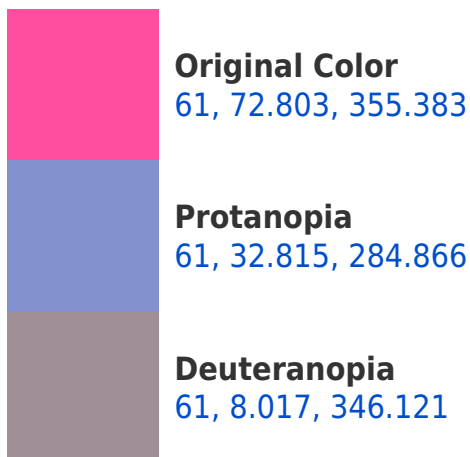


This preview shows how white text looks on a background with the CIELCh color 61, 72.803, 355.383.

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
61, 67.315, 25.888

Trichromacy



Original Color
61, 72.803, 355.383



Protanomaly
58, 42.326, 320.551



Deuteranomaly
59, 35.030, 349.854



Tritanomaly
61, 66.545, 14.373

Monochromacy



Original Color
61, 72.803, 355.383



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 30.369, 349.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 72.803, 355.383 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 72.803, 355.383 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, 160) }
```

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

```
.border{ border-color:rgb(255, 78, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 72.803, 355.383 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, 160) }
```

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

```
.background{ background-color: rgb(255, 78,  
160) }
```

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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