

Converting Colors

CIELCh(61, 72.441, 355.507)

Have a look what the booklet for
CIELCh(61, 72.441, 355.507)
contains.

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Color

CIELCh(61, 72.441, 355.507)

Conversions

Conversions Part 1

Format	Color
Hex	FF4FA0
RGB	255, 79, 160
RGB Percent	100%, 31%, 63%
CMY	0.0015, 0.6917, 0.3738
CMYK	0.00, 0.69, 0.37, 0.00
HSL	332°, 100%, 65%
HSV	332°, 69%, 100%
XYZ	50.1814, 29.2481, 36.1072
YIQ	140.8580, 78.8950, 62.5030

Conversions

Conversions Part 2

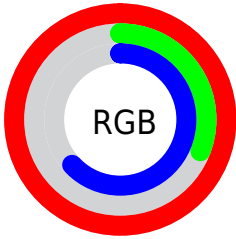
Format	Color
R_{YB}	255, 79, 160
Decimal	16732064
CIE Lab	61.00, 72.22, -5.67
CIE LCh	61, 72.441, 355.507
Yxy	29.2481, 0.4343, 0.2532
Android (android.graphics.Color)	4294922144 (0xFFFF4FA0)
YUV	140.8580, 9.4370, 100.1025
Hunter-Lab	54.0815, 70.9847, -1.7275

Details

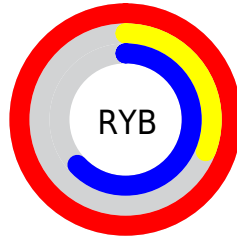
The CIELCh color **61, 72.441, 355.507** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 67.677, 157.299**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 56.679, 339.940**, and **42, 69.850, 356.117** is the 20% darker color. If you saturate the color by 10%, you get **58, 78.600, 358.344**, and if you desaturate by 10%, it is **65, 64.191, 353.264**.

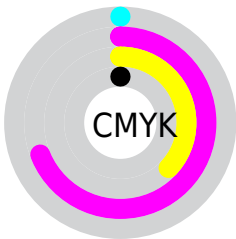
Distribution



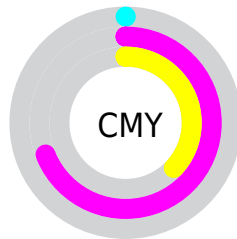
- Red (100%)
- Green (31%)
- Blue (63%)



- 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, 72.441, 355.507 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, 72.441, 355.507 by changing the saturation by 10% instead.


 61, 72.441,
355.507


 61, 72.441,
355.507


 100, 72.441,
355.507


 51, 72.441,
355.507


 81, 72.441,
355.507

 41, 72.441,
355.507

 91, 72.441,
355.507

 31, 72.441,
355.507

 21, 72.441,
355.507

 11, 72.441,
355.507

 1, 72.441, 355.507

 0, 72.441, 355.507

61, 72.441,
355.507

61, 72.441,
355.507

58, 78.600,
358.344

65, 64.191,
353.264

56, 82.401, 1.951

70, 54.405,
351.454

55, 84.188, 6.411

75, 43.661,
349.956

55, 84.326, 6.819

81, 32.451,
348.684

87, 21.139,
347.577

94, 9.963, 346.580

100, 0.134,
204.344

Harmonies

Complementary

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



61, 72.441, 355.507



90, 67.677, 157.299

Rectangle

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



61, 72.441, 355.507



61, 72.441, 45.507



61, 72.441, 175.507



61, 72.441, 225.507

Sweetspot

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



61, 72.437, 355.508



86, 23.285, 347.774



54, 99.243, 313.360



44, 15.799, 348.073



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, 72.437, 355.508



57, 80.450, 359.644



60, 75.359, 31.893



50, 6.219, 346.617



41, 68.004, 5.912



10, 31.553, 359.713

Inverse Universe

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



61, 72.437, 355.508



57, 80.450, 359.644



90, 43.400, 200.841



50, 6.219, 346.617



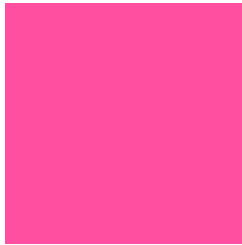
41, 68.004, 5.912



10, 31.553, 359.713

Previews

White Background



This preview shows how the CIELCh color 61, 72.441, 355.507 looks on a white background.

Color Contrast Check

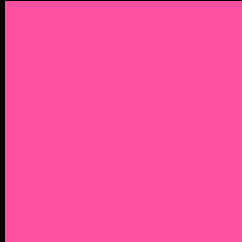
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.441, 355.507 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, 72.441, 355.507

Background



This preview shows how black text looks on a background with the CIELCh color 61, 72.441, 355.507.

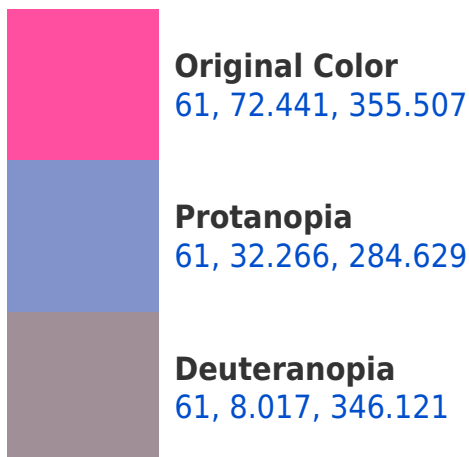


This preview shows how white text looks on a background with the CIELCh color 61, 72.441, 355.507.

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](#).

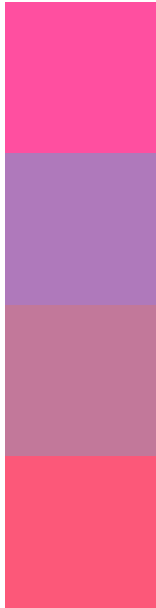
Dichromacy





Tritanopia
61, 66.919, 25.822

Trichromacy



Original Color
61, 72.441, 355.507

Protanomaly
58, 41.847, 320.911

Deuteranomaly
59, 34.126, 349.808

Tritanomaly
61, 66.545, 14.373

Monochromacy



Original Color
61, 72.441, 355.507

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 29.763, 349.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 72.441, 355.507 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, 79, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 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, 79, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 72.441, 355.507 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, 79, 160) }
```

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

```
.border{ border-color:rgb(255, 79, 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, 79, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 79, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 79, 160); box-shadow:4px 4px 4px 4px rgb(255, 79, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 72.441, 355.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 160) }
```

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

```
.background{ background-color: rgb(255, 79,  
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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