

Converting Colors

CIELCh(61, 69.956, 358.352)

Have a look what the booklet for
CIELCh(61, 69.956, 358.352)
contains.

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Color

CIELCh(61, 69.913, 358.464)

Conversions

Conversions Part 1

Format	Color
Hex	FD5299
RGB	253, 82, 153
RGB Percent	99%, 32%, 60%
CMY	0.0075, 0.6781, 0.3997
CMYK	0.00, 0.68, 0.40, 0.01
HSL	335°, 98%, 66%
HSV	335°, 68%, 99%
XYZ	49.3183, 29.2481, 33.2140
YIQ	141.2230, 79.1250, 58.3330

Conversions

Conversions Part 2

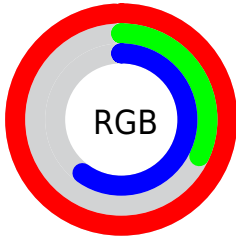
Format	Color
R _Y B	253, 82, 153
Decimal	16601753
CIE Lab	61.00, 69.89, -1.87
CIE LCh	61, 69.913, 358.464
Yxy	29.2481, 0.4412, 0.2617
Android (android.graphics.Color)	4294791833 (0xFFFD5299)
YUV	141.2230, 5.8061, 98.0284
Hunter-Lab	54.0815, 68.1357, 1.4443

Details

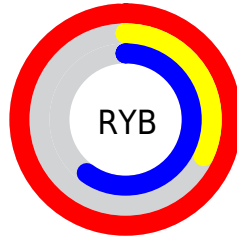
The CIELCh color **61, 69.913, 358.464** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **90, 63.355, 160.182**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 53.180, 343.794**, and **41, 68.667, 358.904** is the 20% darker color. If you saturate the color by 10%, you get **58, 76.612, 1.479**, and if you desaturate by 10%, it is **65, 61.344, 356.088**.

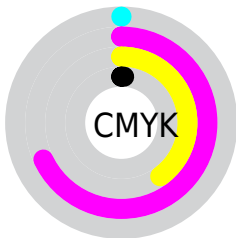
Distribution



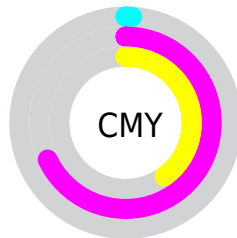
- Red (99%)
- Green (32%)
- Blue (60%)



- Red (99%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (68%)
- Yellow (40%)
- Black (1%)




- Cyan (1%)
- Magenta (68%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 69.913, 358.464 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, 69.913, 358.464 by changing the saturation by 10% instead.

 61, 69.913,
358.464


 61, 69.913,
358.464


 100, 69.913,
358.464


 51, 69.913,
358.464


 81, 69.913,
358.464

 41, 69.913,
358.464


 91, 69.913,
358.464

 31, 69.913,
358.464

 21, 69.913,
358.464

 11, 69.913,
358.464

 1, 69.913, 358.464

 0, 69.913, 358.464

■ 61, 69.913,
358.464

■ 61, 69.913,
358.464

■ 58, 76.612, 1.479

■ 65, 61.344,
356.088

■ 55, 81.149, 5.312

■ 70, 51.449,
354.179

■ 54, 83.730, 10.075

■ 54, 84.272, 11.307

■ 76, 40.775,
352.610

■ 82, 29.773,
351.286

■ 88, 18.768,
350.141

■ 94, 7.966, 349.109

■ 100, 0.666,
200.359

Harmonies

Complementary

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



61, 69.913, 358.464



90, 63.355, 160.182

Rectangle

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



61, 69.913, 358.464



61, 69.913, 48.464



61, 69.913, 178.464



61, 69.913, 228.464

Sweetspot

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



61, 69.909, 358.465



87, 21.569, 350.408



55, 96.712, 314.757



45, 14.763, 350.725



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, 69.909, 358.465



57, 78.884, 2.707



62, 71.004, 33.989



50, 6.043, 349.307



41, 68.166, 10.340



10, 31.337, 3.510

Inverse Universe

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



61, 69.909, 358.465



57, 78.884, 2.707



87, 40.643, 207.637



50, 6.043, 349.307



41, 68.166, 10.340



10, 31.337, 3.510

Previews

White Background



This preview shows how the CIELCh color 61, 69.913, 358.464 looks on a white background.

Color Contrast Check

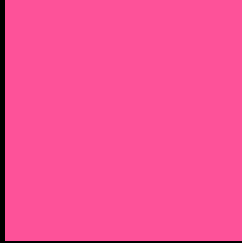
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.913, 358.464 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, 69.913, 358.464

Background



This preview shows how black text looks on a background with the CIELCh color 61, 69.913, 358.464.

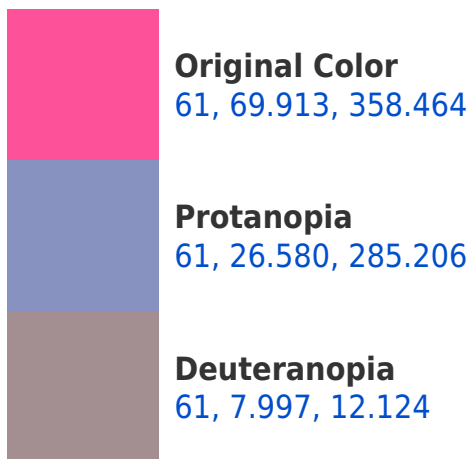


This preview shows how white text looks on a background with the CIELCh color 61, 69.913, 358.464.

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, 66.053, 25.618

Trichromacy



Original Color
61, 69.913, 358.464

Protanomaly
59, 36.831, 326.092

Deuteranomaly
59, 32.933, 356.293

Tritanomaly
61, 65.288, 15.568

Monochromacy



Original Color
61, 69.913, 358.464

Achromatopsia
59, 0.008, 296.813

Achromatomaly
57, 28.090, 352.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 69.913, 358.464 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(253, 82, 153)` looks like.

```
.text, #text, p{  
    color:rgb(253, 82, 153)  
}
```

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(253, 82, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 82, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 69.913, 358.464 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(253, 82, 153) }
```

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

```
.border{ border-color:rgb(253, 82, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 82, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 82, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 82, 153);  
box-shadow:4px 4px 4px 4px rgb(253, 82,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 69.913, 358.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 82, 153) }
```

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

```
.background{ background-color: rgb(253, 82,  
153) }
```

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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