

Converting Colors

CIELCh(71, 74.774, 10.728)

Have a look what the booklet for
CIELCh(71, 74.774, 10.728) contains.

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Color

CIELCh(65, 61.264, 3.857)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A99
RGB	255, 106, 153
RGB Percent	100%, 42%, 60%
CMY	0.0000, 0.5845, 0.4005
CMYK	0.00, 0.58, 0.40, 0.00
HSL	341°, 100%, 71%
HSV	341°, 58%, 100%
XYZ	52.5069, 34.0472, 33.8857
YIQ	155.9090, 73.7170, 46.2050

Conversions

Conversions Part 2

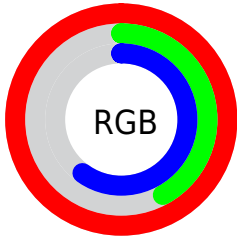
Format	Color
R _Y B	255, 106, 153
Decimal	16738969
CIE Lab	65.00, 61.13, 4.12
CIE LCh	65, 61.264, 3.857
Yxy	34.0472, 0.4360, 0.2827
Android (android.graphics.Color)	4294929049 (0xFFFF6A99)
YUV	155.9090, -1.4341, 86.9028
Hunter-Lab	58.3500, 58.5128, 6.4134

Details

The CIELCh color **65, 61.264, 3.857** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 51.799, 168.203**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 40.719, 348.477**, and **45, 60.851, 3.780** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.834, 6.508**, and if you desaturate by 10%, it is **70, 50.914, 1.387**.

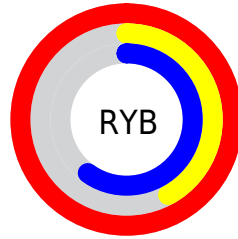
Distribution



Red (100%)

Green (42%)

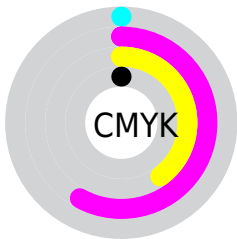
Blue (60%)



Red (100%)

Yellow (42%)

Blue (60%)

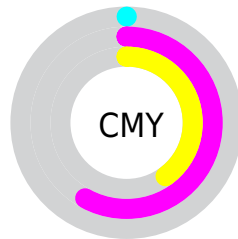


Cyan (0%)

Magenta (58%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 61.264, 3.857 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 65, 61.264, 3.857 by changing the saturation by 10% instead.

 65, 61.264, 3.857

 65, 61.264, 3.857

 100, 61.264, 3.857

 55, 61.264, 3.857

 85, 61.264, 3.857

 45, 61.264, 3.857

 95, 61.264, 3.857

 35, 61.264, 3.857

 25, 61.264, 3.857

 15, 61.264, 3.857

 5, 61.264, 3.857

 0, 61.264, 3.857

 65, 61.264, 3.857

 65, 61.264, 3.857

 61, 69.834, 6.508

 70, 50.914, 1.387

■ 57, 77.189, 10.142

■ 75, 40.305,
359.565

■ 55, 82.794, 14.703

■ 81, 29.517,
358.064

■ 54, 86.989, 20.145

■ 54, 87.635, 21.000

■ 88, 18.843,
356.795

■ 94, 8.468, 355.680

100, 0.012,
296.813

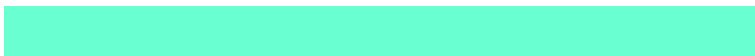
Harmonies

Complementary

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



65, 61.264, 3.857



91, 51.799, 168.203

Rectangle

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



65, 61.264, 3.857



65, 61.264, 53.857



65, 61.264, 183.857



65, 61.264, 233.857

Sweetspot

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



65, 60.924, 3.650



88, 18.367, 356.742



62, 85.784, 317.569



45, 12.828, 357.089



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 60.924, 3.650



60, 71.084, 7.015



69, 56.542, 39.139



50, 5.709, 355.794



40, 70.199, 19.912



10, 31.405, 11.692

Inverse Universe

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



65, 60.924, 3.650



60, 71.084, 7.015



85, 35.390, 221.693



50, 5.709, 355.794



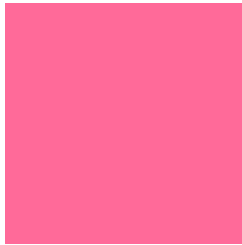
40, 70.199, 19.912



10, 31.405, 11.692

Previews

White Background



This preview shows how the CIELCh color 65, 61.264, 3.857 looks on a white background.

Color Contrast Check

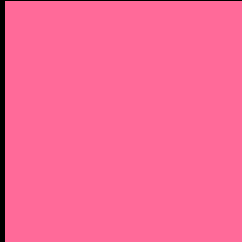
Large Text (above 18pt) WCAG AA × Fail

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 65, 61.264, 3.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

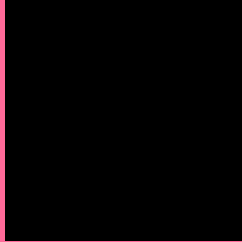
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 61.264, 3.857

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.264, 3.857.

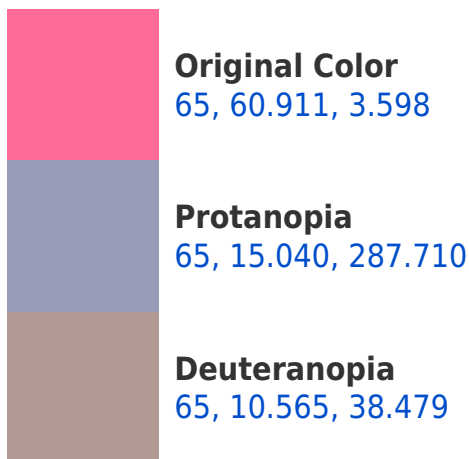


This preview shows how white text looks on a background with the CIELCh color 65, 61.264, 3.857.

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
65, 58.908, 22.525

Trichromacy



Original Color
65, 60.911, 3.598



Protanomaly
63, 27.168, 338.271



Deuteranomaly
64, 28.863, 8.290



Tritanomaly
65, 58.847, 15.607

Monochromacy



Original Color
65, 60.911, 3.598



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 23.148, 357.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.264, 3.857 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, 106, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 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(255, 106, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.264, 3.857 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, 106, 153) }
```

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

```
.border{ border-color:rgb(255, 106, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.264, 3.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 153) }
```

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

```
.background{ background-color: rgb(255,  
106, 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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