

Converting Colors

CIELCh(65, 61.128, 358.600)

Have a look what the booklet for
CIELCh(65, 61.128, 358.600)
contains.

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Color

CIELCh(65, 61.128, 358.600)

Conversions

Conversions Part 1

Format	Color
Hex	FE6BA3
RGB	254, 107, 163
RGB Percent	100%, 42%, 64%
CMY	0.0057, 0.5820, 0.3623
CMYK	0.00, 0.58, 0.36, 0.01
HSL	337°, 98%, 71%
HSV	337°, 58%, 99%
XYZ	52.5009, 34.0472, 38.2737
YIQ	157.3370, 69.6360, 48.5800

Conversions

Conversions Part 2

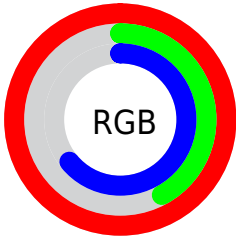
Format	Color
R_{YB}	254, 107, 163
Decimal	16673699
CIE _{Lab}	65.00, 61.11, -1.49
CIE _{LCh}	65, 61.128, 358.600
Yxy	34.0472, 0.4206, 0.2728
Android (android.graphics.Color)	4294863779 (0xFFFE6BA3)
YUV	157.3370, 2.7919, 84.7735
Hunter-Lab	58.3500, 58.4946, 1.9547

Details

The CIELCh color **65, 61.128, 358.600** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 54.419, 163.860**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 43.161, 342.028**, and **45, 60.973, 358.781** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.743, 1.155**, and if you desaturate by 10%, it is **70, 51.242, 356.564**.

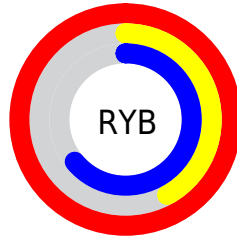
Distribution



Red (100%)

Green (42%)

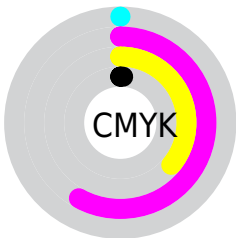
Blue (64%)



Red (100%)

Yellow (42%)

Blue (64%)

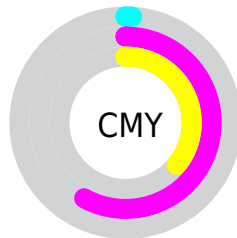


Cyan (0%)

Magenta (58%)

Yellow (36%)

Black (1%)



Cyan (1%)


Magenta (58%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 61.128, 358.600 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, 61.128, 358.600 by changing the saturation by 10% instead.

 65, 61.128,
358.600


 65, 61.128,
358.600


 100, 61.128,
358.600

 55, 61.128,
358.600


 85, 61.128,
358.600

 45, 61.128,
358.600

 95, 61.128,
358.600

 35, 61.128,
358.600

 25, 61.128,
358.600

 15, 61.128,
358.600

 5, 61.128, 358.600

 0, 61.128, 358.600

■ 65, 61.128,
358.600

■ 65, 61.128,
358.600

■ 61, 69.743, 1.155

■ 70, 51.242,
356.564

■ 58, 76.590, 4.401

■ 76, 40.630,
354.902

■ 55, 81.404, 8.517

■ 54, 84.457, 13.574

■ 81, 29.733,
353.512

■ 54, 85.037, 14.653

■ 88, 18.866,
352.320

■ 94, 8.229, 351.255

■ 100, 0.503,
200.691

Harmonies

Complementary

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



65, 61.128, 358.600



91, 54.419, 163.860

Rectangle

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



65, 61.128, 358.600



65, 61.128, 48.600



65, 61.128, 178.600



65, 61.128, 228.600

Sweetspot

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



65, 61.124, 358.601



89, 17.917, 352.214



61, 84.387, 315.515



46, 12.019, 352.438



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, 61.124, 358.601



60, 71.623, 1.762



67, 58.115, 34.237



50, 5.922, 351.417



41, 68.600, 13.634



10, 31.282, 6.396

Inverse Universe

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



65, 61.124, 358.601



60, 71.623, 1.762



87, 36.350, 211.685



50, 5.922, 351.417



41, 68.600, 13.634



10, 31.282, 6.396

Previews

White Background



This preview shows how the CIELCh color 65, 61.128, 358.600 looks on a white background.

Color Contrast Check

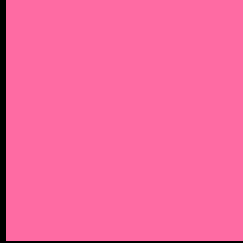
Large Text (above 18pt) WCAG AA × Fail

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, 61.128, 358.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

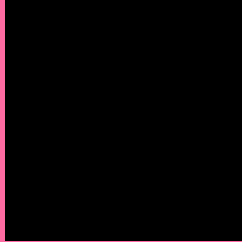
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 61.128, 358.600

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.128, 358.600.

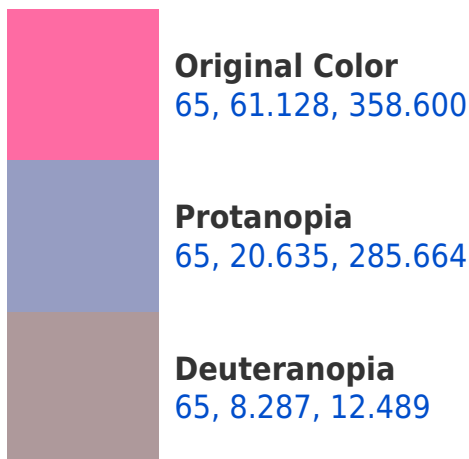


This preview shows how white text looks on a background with the CIELCh color 65, 61.128, 358.600.

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](#).

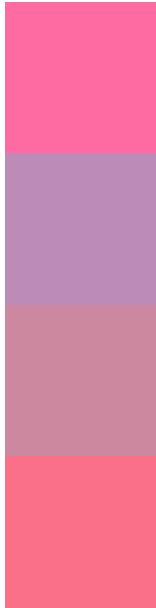
Dichromacy





Tritanopia
65, 56.304, 21.893

Trichromacy



Original Color
65, 61.128, 358.600

Protanomaly
64, 30.360, 328.835

Deuteranomaly
64, 28.749, 357.704

Tritanomaly
65, 56.724, 13.175

Monochromacy



Original Color
65, 61.128, 358.600

Achromatopsia
65, 0.008, 296.813

Achromatomaly
63, 23.360, 353.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.128, 358.600 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(254, 107, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 107, 163)  
}
```

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(254, 107, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 107, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.128, 358.600 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(254, 107, 163) }
```

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

```
.border{ border-color:rgb(254, 107, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 107, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 107, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 107, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 107,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.128, 358.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 107, 163) }
```

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

```
.background{ background-color: rgb(254,  
107, 163) }
```

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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