

Converting Colors

CIELCh(65, 60.456, 7.117)

Have a look what the booklet for
CIELCh(65, 60.456, 7.117) contains.

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Color

CIELCh(65, 60.188, 6.939)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B93
RGB	255, 107, 147
RGB Percent	100%, 42%, 58%
CMY	0.0000, 0.5789, 0.4222
CMYK	0.00, 0.58, 0.42, 0.00
HSL	344°, 100%, 71%
HSV	344°, 58%, 100%
XYZ	51.9795, 34.0472, 31.5772
YIQ	155.8120, 75.3680, 43.8160

Conversions

Conversions Part 2

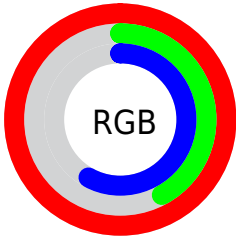
Format	Color
R _Y B	255, 107, 147
Decimal	16739219
CIE Lab	65.00, 59.75, 7.27
CIE LCh	65, 60.188, 6.939
Yxy	34.0472, 0.4420, 0.2895
Android (android.graphics.Color)	4294929299 (0xFFFF6B93)
YUV	155.8120, -4.3443, 86.9879
Hunter-Lab	58.3500, 56.8996, 8.7590

Details

The CIELCh color **65, 60.188, 6.939** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 49.410, 171.516**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 39.354, 352.534**, and **45, 60.386, 6.734** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.324, 9.830**, and if you desaturate by 10%, it is **70, 49.837, 4.524**.

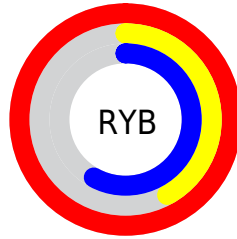
Distribution



Red (100%)

Green (42%)

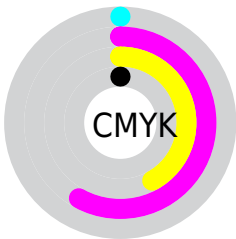
Blue (58%)



Red (100%)

Yellow (42%)

Blue (58%)

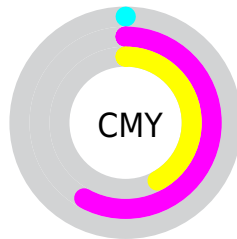


Cyan (0%)

Magenta (58%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 60.188, 6.939 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, 60.188, 6.939 by changing the saturation by 10% instead.

 65, 60.188, 6.939

 65, 60.188, 6.939

 100, 60.188, 6.939

 55, 60.188, 6.939

 85, 60.188, 6.939

 45, 60.188, 6.939

 95, 60.188, 6.939

 35, 60.188, 6.939

 25, 60.188, 6.939

 15, 60.188, 6.939

 5, 60.188, 6.939

 0, 60.188, 6.939

 65, 60.188, 6.939

 65, 60.188, 6.939

 61, 69.324, 9.830

 70, 49.837, 4.524

■ 57, 77.241, 13.592

■ 76, 39.172, 2.648

■ 55, 83.606, 18.274

■ 82, 28.438, 1.114

■ 54, 88.685, 23.779

■ 88, 17.902,
359.826

■ 54, 89.743, 24.944

■ 95, 7.727, 358.699

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, 60.188, 6.939



91, 49.410, 171.516

Rectangle

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



65, 60.188, 6.939



65, 60.188, 56.939



65, 60.188, 186.939



65, 60.188, 236.939

Sweetspot

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



65, 60.045, 6.865



89, 16.980, 359.721



63, 85.241, 318.583



46, 11.404, 359.961



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, 60.045, 6.865



60, 70.276, 10.205



70, 54.821, 41.730



50, 5.587, 358.876



40, 71.767, 23.856



10, 31.593, 14.708

Inverse Universe

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



65, 60.045, 6.865



60, 70.276, 10.205



84, 34.900, 226.839



50, 5.587, 358.876



40, 71.767, 23.856



10, 31.593, 14.708

Previews

White Background



This preview shows how the CIELCh color 65, 60.188, 6.939 looks on a white background.

Color Contrast Check

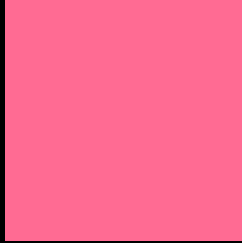
Large Text (above 18pt) WCAG AA × Fail

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, 60.188, 6.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

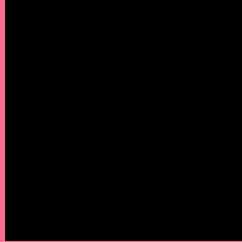
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 60.188, 6.939

Background



This preview shows how black text looks on a background with the CIELCh color 65, 60.188, 6.939.

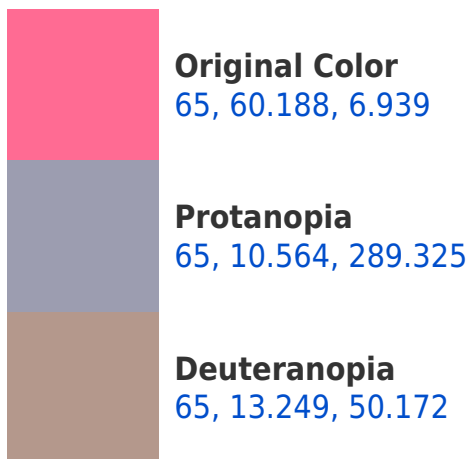


This preview shows how white text looks on a background with the CIELCh color 65, 60.188, 6.939.

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](#).

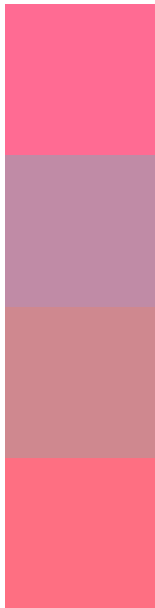
Dichromacy





Tritanopia
65, 58.575, 22.913

Trichromacy



Original Color
65, 60.188, 6.939

Protanomaly
64, 25.154, 345.629

Deuteranomaly
64, 29.074, 14.970

Tritanomaly
65, 58.613, 17.015

Monochromacy



Original Color
65, 60.188, 6.939

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 22.822, 0.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 60.188, 6.939 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, 107, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 147)  
}
```

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, 107, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 60.188, 6.939 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, 107, 147) }
```

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

```
.border{ border-color:rgb(255, 107, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 60.188, 6.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 147) }
```

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

```
.background{ background-color: rgb(255,  
107, 147) }
```

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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