

Converting Colors

CIELCh(65, 58.440, 351.862)

Have a look what the booklet for
CIELCh(65, 58.440, 351.862)
contains.

CIELCh(65, 58.706, 352.028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 58.706, 352.028)

Conversions

Conversions Part 1

Format	Color
Hex	F66FAE
RGB	246, 111, 174
RGB Percent	96%, 44%, 68%
CMY	0.0350, 0.5644, 0.3174
CMYK	0.00, 0.55, 0.29, 0.04
HSL	332°, 88%, 70%
HSV	332°, 55%, 96%
XYZ	51.3685, 34.0472, 43.9407
YIQ	158.5470, 60.2370, 48.2130

Conversions

Conversions Part 2

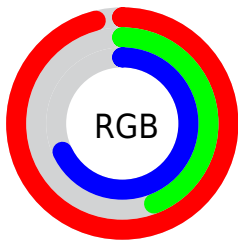
Format	Color
R_{YB}	246, 111, 174
Decimal	16150446
CIE Lab	65.00, 58.14, -8.14
CIE LCh	65, 58.706, 352.028
Yxy	34.0472, 0.3971, 0.2632
Android (android.graphics.Color)	4294340526 (0xFFFF66FAE)
YUV	158.5470, 7.6183, 76.6963
Hunter-Lab	58.3500, 55.0304, -3.8037

Details

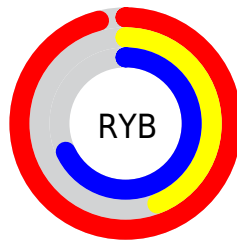
The CIELCh color **65, 58.706, 352.028** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **88, 54.787, 159.364**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 44.937, 336.655**, and **45, 58.744, 351.737** is the 20% darker color. If you saturate the color by 10%, you get **61, 67.448, 354.036**, and if you desaturate by 10%, it is **70, 48.700, 350.390**.

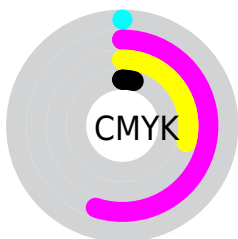
Distribution



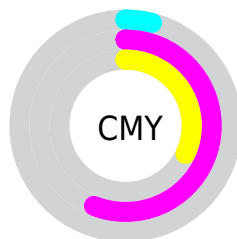
- Red (96%)
- Green (44%)
- Blue (68%)



- Red (96%)
- Yellow (44%)
- Blue (68%)



- Cyan (0%)
- Magenta (55%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (56%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 58.706, 352.028 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, 58.706, 352.028 by changing the saturation by 10% instead.

 65, 58.706,
352.028

 65, 58.706,
352.028


 100, 58.706,
352.028

 55, 58.706,
352.028


 85, 58.706,
352.028

 45, 58.706,
352.028

 95, 58.706,
352.028

 35, 58.706,
352.028

 25, 58.706,
352.028

 15, 58.706,
352.028

 5, 58.706, 352.028

 0, 58.706, 352.028

65, 58.706,
352.028

65, 58.706,
352.028

61, 67.448,
354.036

70, 48.700,
350.390

57, 74.370,
356.550

75, 37.979,
349.015

55, 79.050,
359.743

81, 26.967,
347.833

53, 81.467, 3.779

87, 15.963,
346.790

53, 82.177, 6.125

94, 5.155, 345.809

99, 3.306, 179.770

99, 3.090, 199.424

Harmonies

Complementary

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



65, 58.706, 352.028



88, 54.787, 159.364

Rectangle

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



65, 58.706, 352.028



65, 58.706, 42.028



65, 58.706, 172.028



65, 58.706, 222.028

Sweetspot

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



65, 58.703, 352.029



90, 17.713, 346.906



60, 77.770, 312.876



46, 11.986, 347.115



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, 58.703, 352.029



62, 70.307, 354.322



64, 56.360, 28.277



48, 6.038, 346.267



40, 66.666, 5.229



9, 29.982, 358.542

Inverse Universe

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



65, 58.703, 352.029



62, 70.307, 354.322



89, 36.968, 200.769



48, 6.038, 346.267



40, 66.666, 5.229



9, 29.982, 358.542

Previews

White Background



This preview shows how the CIELCh color 65, 58.706, 352.028 looks on a white background.

Color Contrast Check

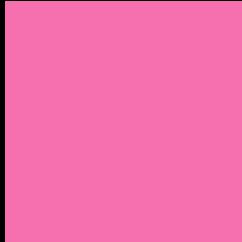
Large Text (above 18pt) WCAG AA × Fail

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, 58.706, 352.028 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, 58.706, 352.028

Background



This preview shows how black text looks on a background with the CIELCh color 65, 58.706, 352.028.

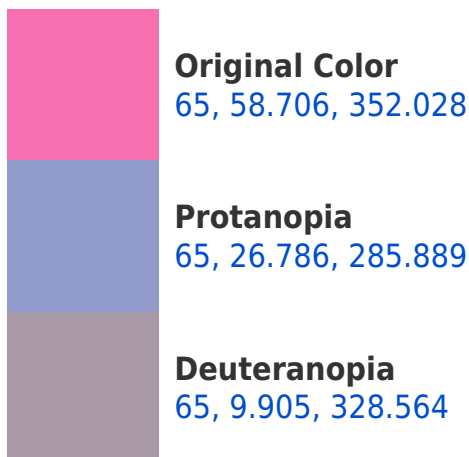


This preview shows how white text looks on a background with the CIELCh color 65, 58.706, 352.028.

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](#).

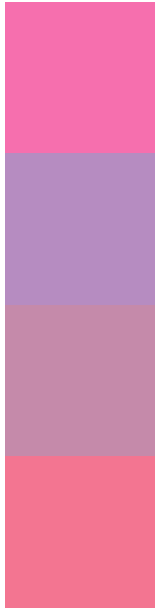
Dichromacy





Tritanopia
65, 50.639, 19.948

Trichromacy



Original Color
65, 58.706, 352.028

Protanomaly
64, 33.189, 319.787

Deuteranomaly
64, 28.466, 344.069

Tritanomaly
65, 51.645, 9.034

Monochromacy



Original Color
65, 58.706, 352.028

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 22.427, 348.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 58.706, 352.028 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(246, 111, 174)` looks like.

```
.text, #text, p{  
    color:rgb(246, 111, 174)  
}
```

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(246, 111, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 111, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 58.706, 352.028 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(246, 111, 174) }
```

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

```
.border{ border-color:rgb(246, 111, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 111, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 111, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 111, 174);  
box-shadow:4px 4px 4px 4px rgb(246, 111,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 58.706, 352.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 111, 174) }
```

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

```
.background{ background-color: rgb(246,  
111, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor