

Converting Colors

CIELCh(66, 59.376, 0.148)

Have a look what the booklet for
CIELCh(66, 59.376, 0.148) contains.

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Color

CIELCh(66, 59.535, 0.237)

Conversions

Conversions Part 1

Format	Color
Hex	FF6FA2
RGB	255, 111, 162
RGB Percent	100%, 44%, 64%
CMY	0.0000, 0.5639, 0.3640
CMYK	0.00, 0.56, 0.36, 0.00
HSL	339°, 100%, 72%
HSV	339°, 56%, 100%
XYZ	53.5580, 35.3238, 38.2610
YIQ	159.8700, 69.4530, 46.3890

Conversions

Conversions Part 2

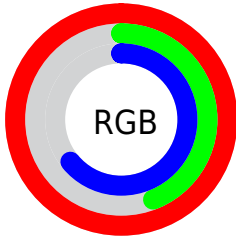
Format	Color
R _Y B	255, 111, 162
Decimal	16740258
CIE Lab	66.00, 59.53, 0.25
CIE LCh	66, 59.535, 0.237
Yxy	35.3238, 0.4212, 0.2778
Android (android.graphics.Color)	4294930338 (0xFFFF6FA2)
YUV	159.8700, 1.0501, 83.4290
Hunter-Lab	59.4338, 56.8436, 3.4353

Details

The CIELCh color **66, 59.535, 0.237** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 52.172, 165.812**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 41.096, 343.220**, and **46, 59.567, 359.866** is the 20% darker color. If you saturate the color by 10%, you get **62, 68.456, 2.766**, and if you desaturate by 10%, it is **71, 49.367, 358.141**.

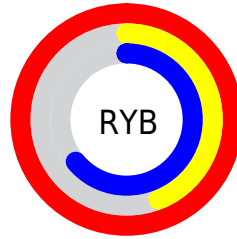
Distribution



Red (100%)

Green (44%)

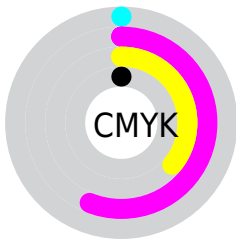
Blue (64%)



Red (100%)

Yellow (44%)

Blue (64%)

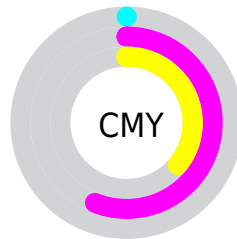


Cyan (0%)

Magenta (56%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (36%)



Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 59.535, 0.237 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 66, 59.535, 0.237 by changing the saturation by 10% instead.

 66, 59.535, 0.237  66, 59.535, 0.237

 100, 59.535, 0.237  56, 59.535, 0.237

 86, 59.535, 0.237  46, 59.535, 0.237

 96, 59.535, 0.237  36, 59.535, 0.237

 26, 59.535, 0.237

 16, 59.535, 0.237

 6, 59.535, 0.237

 0, 59.535, 0.237

 66, 59.535, 0.237  66, 59.535, 0.237

 62, 68.456, 2.766  71, 49.367,

■ 58, 75.825, 6.036 358.141

■ 56, 81.277, 10.181 ■ 77, 38.670,
356.470

■ 54, 84.975, 15.289

■ 54, 86.156, 17.255 ■ 83, 27.791,
355.075

■ 89, 17.016,
353.880

■ 96, 6.522, 352.802

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.



66, 59.535, 0.237



91, 52.172, 165.812

Rectangle

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



66, 59.535, 0.237



66, 59.535, 50.237



66, 59.535, 180.237



66, 59.535, 230.237

Sweetspot

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



66, 59.467, 0.193



89, 17.662, 353.948



63, 82.707, 315.977



46, 11.851, 354.177



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 59.467, 0.193



61, 69.760, 3.239



68, 55.887, 35.190



50, 5.832, 353.135



40, 69.125, 16.191



10, 31.302, 8.629

Inverse Universe

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



66, 59.467, 0.193



61, 69.760, 3.239



87, 35.472, 213.933



50, 5.832, 353.135



40, 69.125, 16.191



10, 31.302, 8.629

Previews

White Background



This preview shows how the CIELCh color 66, 59.535, 0.237 looks on a white background.

Color Contrast Check

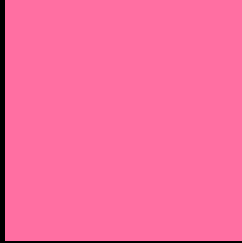
Large Text (above 18pt) WCAG AA × Fail

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 66, 59.535, 0.237 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 66, 59.535, 0.237

Background



This preview shows how black text looks on a background with the CIELCh color 66, 59.535, 0.237.



This preview shows how white text looks on a background with the CIELCh color 66, 59.535, 0.237.

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



Original Color

66, 59.535, 0.237

Protanopia

66, 18.337, 286.651

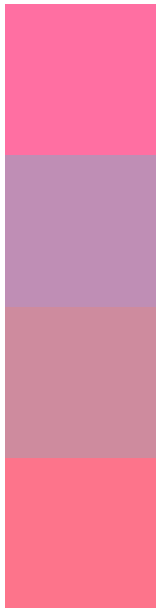
Deuteranopia

66, 9.029, 20.197



Tritanopia
66, 55.710, 21.663

Trichromacy



Original Color
66, 59.535, 0.237

Protanomaly
65, 28.210, 332.297

Deuteranomaly
65, 28.190, 0.801

Tritanomaly
66, 55.843, 13.780

Monochromacy



Original Color
66, 59.535, 0.237

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 23.070, 354.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 59.535, 0.237 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, 111, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 162)  
}
```

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, 111, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 59.535, 0.237 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, 111, 162) }
```

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

```
.border{ border-color:rgb(255, 111, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 59.535, 0.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 162) }
```

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

```
.background{ background-color: rgb(255,  
111, 162) }
```

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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