

Converting Colors

CIELCh(62, 67.817, 1.475)

Have a look what the booklet for
CIELCh(62, 67.817, 1.475) contains.

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Color

CIELCh(62, 67.840, 1.684)

Conversions

Conversions Part 1

Format	Color
Hex	FF5895
RGB	255, 88, 149
RGB Percent	100%, 35%, 58%
CMY	0.0001, 0.6549, 0.4157
CMYK	0.00, 0.65, 0.42, 0.00
HSL	338°, 100%, 67%
HSV	338°, 65%, 100%
XYZ	50.1452, 30.4025, 31.6527
YIQ	144.8870, 79.9510, 54.3750

Conversions

Conversions Part 2

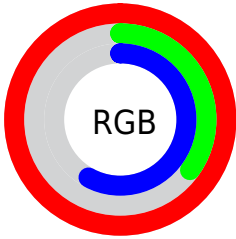
Format	Color
R _{YB}	255, 88, 149
Decimal	16734357
CIE _{Lab}	62.00, 67.81, 1.99
CIE _{LCh}	62, 67.840, 1.684
Yxy	30.4025, 0.4469, 0.2710
Android (android.graphics.Color)	4294924437 (0xFFFF5895)
YUV	144.8870, 2.0277, 96.5691
Hunter-Lab	55.1385, 65.8428, 4.5610

Details

The CIELCh color **62, 67.840, 1.684** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **91, 59.312, 163.644**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 49.315, 346.701**, and **42, 67.789, 1.385** is the 20% darker color. If you saturate the color by 10%, you get **58, 75.292, 4.830**, and if you desaturate by 10%, it is **66, 58.765, 359.209**.

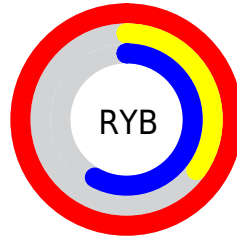
Distribution



Red (100%)

Green (35%)

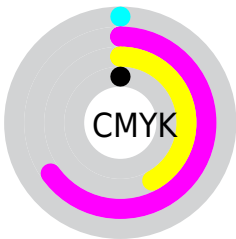
Blue (58%)



Red (100%)

Yellow (35%)

Blue (58%)

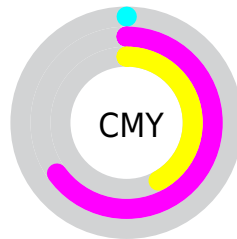


Cyan (0%)

Magenta (65%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (65%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.840, 1.684 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 62, 67.840, 1.684 by changing the saturation by 10% instead.

 62, 67.840, 1.684  62, 67.840, 1.684

 100, 67.840, 1.684  52, 67.840, 1.684

 82, 67.840, 1.684  42, 67.840, 1.684

 92, 67.840, 1.684  32, 67.840, 1.684

 22, 67.840, 1.684

 12, 67.840, 1.684

 2, 67.840, 1.684

 0, 67.840, 1.684

 62, 67.840, 1.684  62, 67.840, 1.684

 58, 75.292, 4.830  66, 58.765,

■ 56, 80.799, 8.824 359.209

■ 54, 84.459, 13.780 ■ 72, 48.601,
357.227

■ 54, 85.826, 16.221 ■ 77, 37.860,
355.606

■ 83, 26.948,
354.248

■ 90, 16.146,
353.078

■ 96, 5.627, 352.007

100, 0.013,
266.512

Harmonies

Complementary

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



62, 67.840, 1.684



91, 59.312, 163.644

Rectangle

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



62, 67.840, 1.684



62, 67.840, 51.684



62, 67.840, 181.684



62, 67.840, 231.684

Sweetspot

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



62, 67.836, 1.686



87, 20.991, 353.586



58, 94.703, 316.198



44, 14.377, 353.918



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 67.836, 1.686



57, 77.457, 6.126



64, 66.838, 36.525



50, 5.867, 352.437



40, 68.894, 15.167



10, 31.288, 7.747

Inverse Universe

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



62, 67.836, 1.686



57, 77.457, 6.126



86, 38.738, 214.917



50, 5.867, 352.437



40, 68.894, 15.167



10, 31.288, 7.747

Previews

White Background



This preview shows how the CIELCh color 62, 67.840, 1.684 looks on a white background.

Color Contrast Check

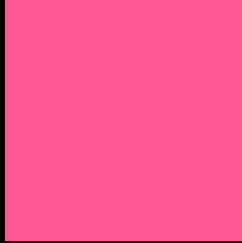
Large Text (above 18pt) WCAG AA × Fail

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 62, 67.840, 1.684 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 62, 67.840, 1.684

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.840, 1.684.



This preview shows how white text looks on a background with the CIELCh color 62, 67.840, 1.684.

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

62, 67.840, 1.684

Protanopia

62, 20.862, 284.882

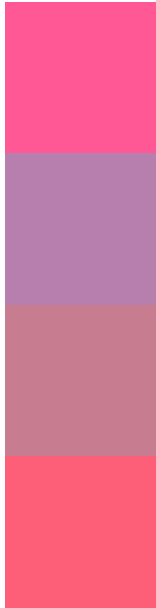
Deuteranopia

62, 9.517, 33.738



Tritanopia
62, 65.369, 25.277

Trichromacy



Original Color
62, 67.840, 1.684

Protanomaly
60, 32.827, 331.137

Deuteranomaly
61, 32.174, 3.130

Tritanomaly
62, 64.978, 16.582

Monochromacy



Original Color
62, 67.840, 1.684

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 26.991, 355.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.840, 1.684 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, 88, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 149)  
}
```

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, 88, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.840, 1.684 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, 88, 149) }
```

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

```
.border{ border-color:rgb(255, 88, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.840, 1.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 149) }
```

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

```
.background{ background-color: rgb(255, 88,  
149) }
```

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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