

Converting Colors

CIELCh(63, 66.477, 358.377)

Have a look what the booklet for
CIELCh(63, 66.477, 358.377)
contains.

CIELCh(63, 66.371, 358.641)	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(63, 66.371, 358.641)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E9E
RGB	255, 94, 158
RGB Percent	100%, 37%, 62%
CMY	0.0015, 0.6327, 0.3817
CMYK	0.00, 0.63, 0.38, 0.00
HSL	336°, 100%, 68%
HSV	336°, 63%, 100%
XYZ	51.2146, 31.5869, 35.5990
YIQ	149.4350, 75.4120, 54.0360

Conversions

Conversions Part 2

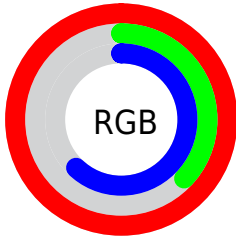
Format	Color
R _Y B	255, 94, 158
Decimal	16735902
CIE Lab	63.00, 66.35, -1.57
CIE LCh	63, 66.371, 358.641
Yxy	31.5869, 0.4326, 0.2668
Android (android.graphics.Color)	4294925982 (0xFFFF5E9E)
YUV	149.4350, 4.2225, 92.5805
Hunter-Lab	56.2022, 64.3053, 1.7867

Details

The CIELCh color **63, 66.371, 358.641** 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 **90, 59.470, 161.976**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 48.375, 343.103**, and **43, 66.504, 358.621** is the 20% darker color. If you saturate the color by 10%, you get **59, 74.046, 1.452**, and if you desaturate by 10%, it is **68, 57.085, 356.416**.

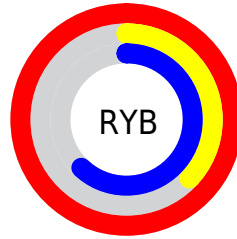
Distribution



Red (100%)

Green (37%)

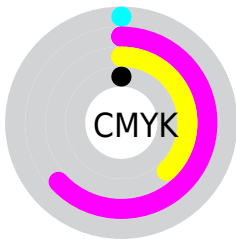
Blue (62%)



Red (100%)

Yellow (37%)

Blue (62%)

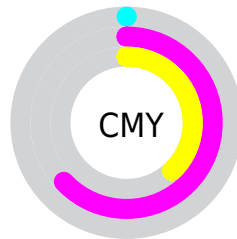


Cyan (0%)

Magenta (63%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 66.371, 358.641 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 63, 66.371, 358.641 by changing the saturation by 10% instead.


 63, 66.371,
358.641


 63, 66.371,
358.641


 100, 66.371,
358.641


 53, 66.371,
358.641


 83, 66.371,
358.641

 43, 66.371,
358.641

 93, 66.371,
358.641

 33, 66.371,
358.641

 23, 66.371,
358.641

 13, 66.371,
358.641

 3, 66.371, 358.641

 0, 66.371, 358.641

■ 63, 66.371,
358.641

■ 63, 66.371,
358.641

■ 59, 74.046, 1.452

■ 68, 57.085,
356.416

■ 57, 79.698, 5.030

■ 73, 46.753,
354.618

■ 55, 83.282, 9.533

■ 54, 84.952, 13.038

■ 79, 35.883,
353.128

■ 85, 24.866,
351.863

■ 91, 13.968,
350.759

■ 98, 3.351, 349.682

■ 100, 0.132,
204.437

Harmonies

Complementary

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



63, 66.371, 358.641



90, 59.470, 161.976

Rectangle

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



63, 66.371, 358.641



63, 66.371, 48.641



63, 66.371, 178.641



63, 66.371, 228.641

Sweetspot

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



63, 66.367, 358.642



88, 20.266, 351.381



58, 91.660, 315.158



45, 13.998, 351.705



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 66.367, 358.642



58, 75.921, 2.364



64, 65.355, 34.056



50, 5.980, 350.375



41, 68.355, 12.028



10, 31.297, 4.981

Inverse Universe

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



63, 66.367, 358.642



58, 75.921, 2.364



87, 38.885, 209.720



50, 5.980, 350.375



41, 68.355, 12.028



10, 31.297, 4.981

Previews

White Background



This preview shows how the CIELCh color 63, 66.371, 358.641 looks on a white background.

Color Contrast Check

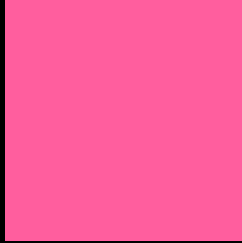
Large Text (above 18pt) WCAG AA × Fail

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 63, 66.371, 358.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

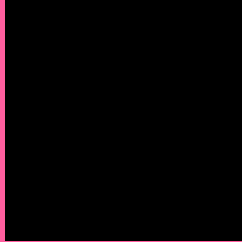
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 66.371, 358.641

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.371, 358.641.



This preview shows how white text looks on a background with the CIELCh color 63, 66.371, 358.641.

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

63, 66.371, 358.641

Protanopia

63, 24.155, 285.568

Deuteranopia

63, 8.341, 12.522



Tritanopia
63, 61.991, 23.935

Trichromacy



Original Color
63, 66.371, 358.641



Protanomaly
61, 34.455, 327.053



Deuteranomaly
62, 31.294, 356.835



Tritanomaly
63, 61.988, 14.214

Monochromacy



Original Color
63, 66.371, 358.641



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 26.012, 352.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.371, 358.641 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, 94, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 158)  
}
```

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, 94, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.371, 358.641 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, 94, 158) }
```

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

```
.border{ border-color:rgb(255, 94, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.371, 358.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 158) }
```

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

```
.background{ background-color: rgb(255, 94,  
158) }
```

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