

Converting Colors

CIELCh(63, 66.036, 359.497)

Have a look what the booklet for
CIELCh(63, 66.036, 359.497)
contains.

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Color

CIELCh(63, 66.148, 359.562)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E9C
RGB	255, 94, 156
RGB Percent	100%, 37%, 61%
CMY	0.0008, 0.6321, 0.3889
CMYK	0.00, 0.63, 0.39, 0.00
HSL	337°, 100%, 68%
HSV	337°, 63%, 100%
XYZ	51.1368, 31.5869, 34.7773
YIQ	149.2070, 76.0540, 53.4140

Conversions

Conversions Part 2

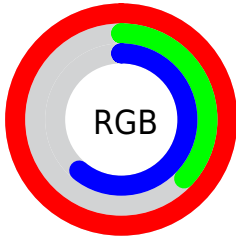
Format	Color
R _Y B	255, 94, 156
Decimal	16735900
CIE Lab	63.00, 66.15, -0.51
CIE LCh	63, 66.148, 359.562
Yxy	31.5869, 0.4352, 0.2688
Android (android.graphics.Color)	4294925980 (0xFFFF5E9C)
YUV	149.2070, 3.3489, 92.7805
Hunter-Lab	56.2022, 64.0580, 2.6536

Details

The CIELCh color **63, 66.148, 359.562** 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, 58.770, 162.760**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 47.805, 344.149**, and **43, 66.312, 359.618** is the 20% darker color. If you saturate the color by 10%, you get **59, 73.897, 2.436**, and if you desaturate by 10%, it is **68, 56.827, 357.291**.

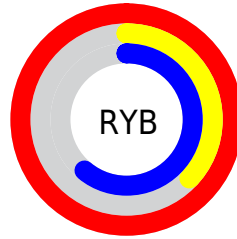
Distribution



Red (100%)

Green (37%)

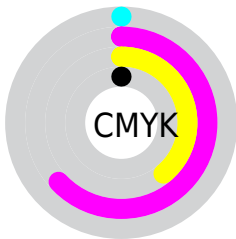
Blue (61%)



Red (100%)

Yellow (37%)

Blue (61%)

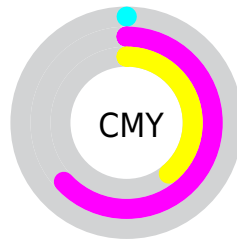


Cyan (0%)

Magenta (63%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 66.148, 359.562 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, 66.148, 359.562 by changing the saturation by 10% instead.


 63, 66.148,
359.562


 63, 66.148,
359.562


 100, 66.148,
359.562


 53, 66.148,
359.562


 83, 66.148,
359.562

 43, 66.148,
359.562

 93, 66.148,
359.562

 33, 66.148,
359.562

 23, 66.148,
359.562

 13, 66.148,
359.562

 3, 66.148, 359.562

 0, 66.148, 359.562

■ 63, 66.148,
359.562

■ 63, 66.148,
359.562

■ 59, 73.897, 2.436

■ 68, 56.827,
357.291

■ 56, 79.671, 6.094

■ 73, 46.492,
355.458

■ 55, 83.433, 10.687

■ 54, 85.262, 14.273

■ 79, 35.645,
353.944

■ 85, 24.671,
352.662

■ 91, 13.832,
351.545

■ 98, 3.285, 350.456

■ 100, 0.070,
208.849

Harmonies

Complementary

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



63, 66.148, 359.562



91, 58.770, 162.760

Rectangle

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



63, 66.148, 359.562



63, 66.148, 49.562



63, 66.148, 179.562



63, 66.148, 229.562

Sweetspot

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



63, 66.144, 359.563



88, 20.126, 352.179



58, 91.659, 315.157



45, 13.904, 352.507



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, 66.144, 359.563



58, 75.785, 3.381



64, 65.344, 34.049



50, 5.936, 351.161



41, 68.534, 13.244



10, 31.284, 6.051

Inverse Universe

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



63, 66.144, 359.563



58, 75.785, 3.381



88, 38.893, 209.718



50, 5.936, 351.161



41, 68.534, 13.244



10, 31.284, 6.051

Previews

White Background



This preview shows how the CIELCh color 63, 66.148, 359.562 looks on a white background.

Color Contrast Check

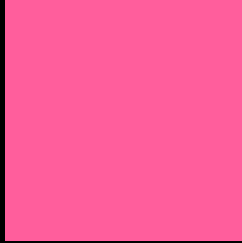
Large Text (above 18pt) WCAG AA × Fail

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, 66.148, 359.562 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, 66.148, 359.562

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.148, 359.562.



This preview shows how white text looks on a background with the CIELCh color 63, 66.148, 359.562.

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, 66.148, 359.562

Protanopia

63, 22.468, 285.638

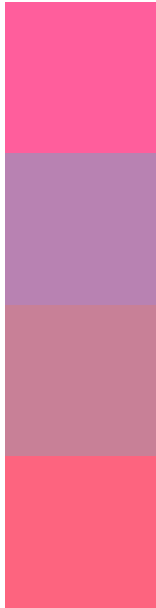
Deuteranopia

63, 8.305, 20.153



Tritanopia
63, 62.548, 24.490

Trichromacy



Original Color
63, 66.148, 359.562

Protanomaly
61, 33.357, 329.317

Deuteranomaly
62, 30.961, 358.766

Tritanomaly
63, 62.412, 14.861

Monochromacy



Original Color
63, 66.148, 359.562

Achromatopsia
62, 0.008, 296.813

Achromatomaly
60, 25.793, 353.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.148, 359.562 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.148, 359.562 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, 156) }
```

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

```
.border{ border-color:rgb(255, 94, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.148, 359.562 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, 156) }
```

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

```
.background{ background-color: rgb(255, 94,  
156) }
```

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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