

Converting Colors

CIELCh(63, 66.563, 1.361)

Have a look what the booklet for
CIELCh(63, 66.563, 1.361) contains.

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Color

CIELCh(63, 66.158, 1.233)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E99
RGB	255, 94, 153
RGB Percent	100%, 37%, 60%
CMY	0.0000, 0.6330, 0.4019
CMYK	0.00, 0.63, 0.40, 0.00
HSL	338°, 100%, 68%
HSV	338°, 63%, 100%
XYZ	51.1355, 31.5869, 33.3256
YIQ	148.8650, 77.0170, 52.4810

Conversions

Conversions Part 2

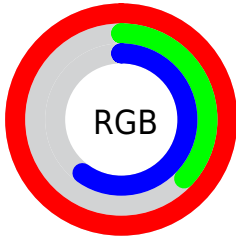
Format	Color
R _Y B	255, 94, 153
Decimal	16735897
CIE Lab	63.00, 66.14, 1.42
CIE LCh	63, 66.158, 1.233
Yxy	31.5869, 0.4406, 0.2722
Android (android.graphics.Color)	4294925977 (0xFFFF5E99)
YUV	148.8650, 2.0386, 93.0804
Hunter-Lab	56.2022, 64.0540, 4.1850

Details

The CIELCh color **63, 66.158, 1.233** 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, 57.781, 164.024**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 46.984, 345.769**, and **43, 65.875, 1.218** is the 20% darker color. If you saturate the color by 10%, you get **59, 73.824, 4.090**, and if you desaturate by 10%, it is **68, 56.615, 358.751**.

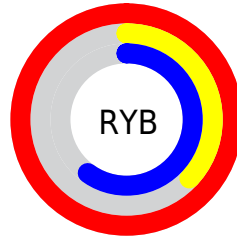
Distribution



Red (100%)

Green (37%)

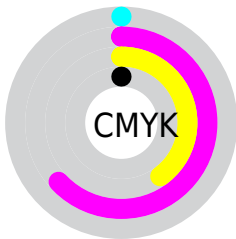
Blue (60%)



Red (100%)

Yellow (37%)

Blue (60%)

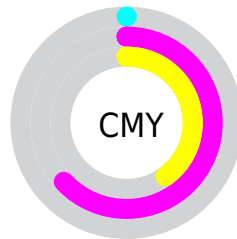


Cyan (0%)

Magenta (63%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 66.158, 1.233 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, 66.158, 1.233 by changing the saturation by 10% instead.

 63, 66.158, 1.233  63, 66.158, 1.233

 100, 66.158, 1.233  53, 66.158, 1.233

 83, 66.158, 1.233  43, 66.158, 1.233

 93, 66.158, 1.233  33, 66.158, 1.233

 23, 66.158, 1.233

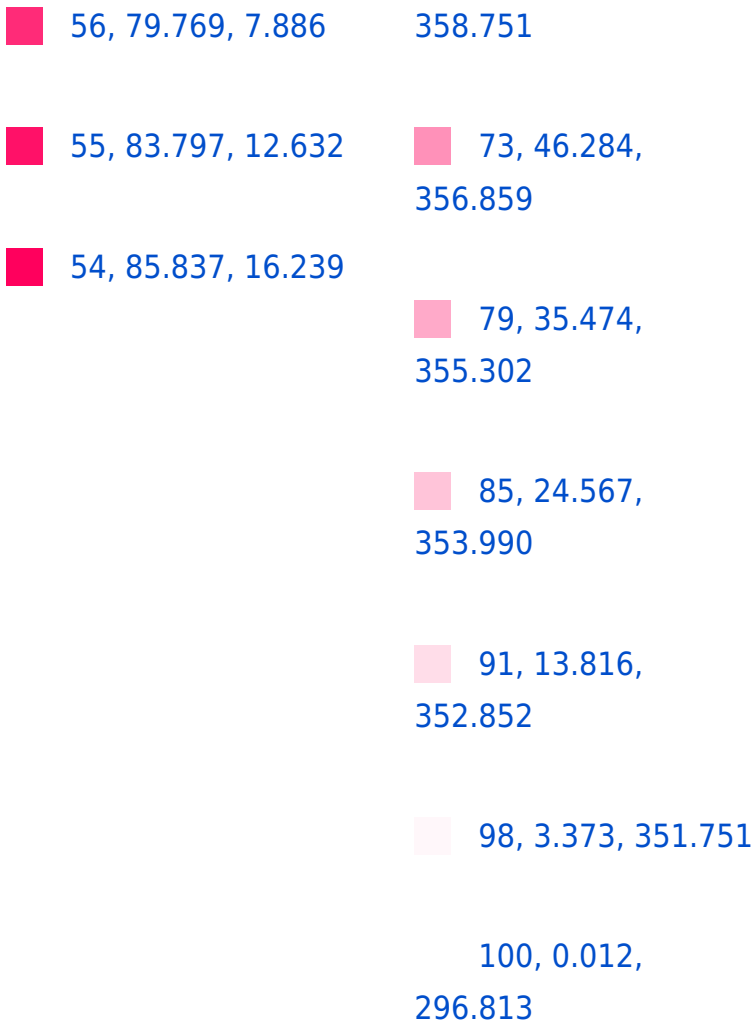
 13, 66.158, 1.233

 3, 66.158, 1.233

 0, 66.158, 1.233

 63, 66.158, 1.233  63, 66.158, 1.233

 59, 73.824, 4.090  68, 56.615,



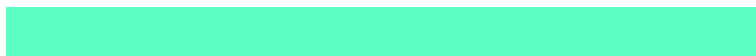
Harmonies

Complementary

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



63, 66.158, 1.233



91, 57.781, 164.024

Rectangle

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



63, 66.158, 1.233



63, 66.158, 51.233



63, 66.158, 181.233



63, 66.158, 231.233

Sweetspot

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



63, 65.974, 1.107



88, 19.911, 353.483



59, 91.940, 316.157



45, 13.759, 353.817



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, 65.974, 1.107



58, 75.624, 5.027



65, 64.185, 36.178



50, 5.867, 352.449



40, 68.898, 15.185



10, 31.289, 7.763

Inverse Universe

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



63, 65.974, 1.107



58, 75.624, 5.027



86, 38.032, 214.654



50, 5.867, 352.449



40, 68.898, 15.185



10, 31.289, 7.763

Previews

White Background



This preview shows how the CIELCh color 63, 66.158, 1.233 looks on a white background.

Color Contrast Check

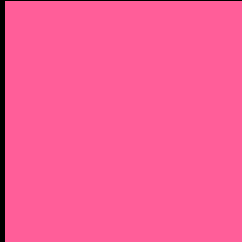
Large Text (above 18pt) WCAG AA × Fail

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, 66.158, 1.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

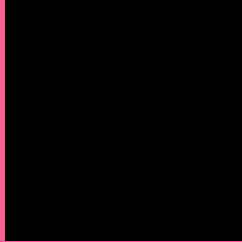
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 66.158, 1.233

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.158, 1.233.



This preview shows how white text looks on a background with the CIELCh color 63, 66.158, 1.233.

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, 65.850, 0.958

Protanopia

63, 20.227, 285.507

Deuteranopia

63, 9.241, 27.124



Tritanopia
63, 63.019, 24.619

Trichromacy



Original Color
63, 65.850, 0.958



Protanomaly
61, 31.699, 331.849



Deuteranomaly
62, 30.907, 2.070



Tritanomaly
63, 62.540, 15.867

Monochromacy



Original Color
63, 65.850, 0.958



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 25.938, 355.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.158, 1.233 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.158, 1.233 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, 153) }
```

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

```
.border{ border-color:rgb(255, 94, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 94, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 94, 153); box-shadow:4px 4px 4px 4px rgb(255, 94, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.158, 1.233 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, 153) }
```

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

```
.background{ background-color: rgb(255, 94,  
153) }
```

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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