

Converting Colors

CIELCh(61, 63.109, 352.930)

Have a look what the booklet for
CIELCh(61, 63.109, 352.930)
contains.

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Color

CIELCh(61, 63.002, 352.750)

Conversions

Conversions Part 1

Format	Color
Hex	F05EA3
RGB	240, 94, 163
RGB Percent	94%, 37%, 64%
CMY	0.0581, 0.6306, 0.3601
CMYK	0.00, 0.61, 0.32, 0.06
HSL	332°, 83%, 66%
HSV	332°, 61%, 94%
XYZ	46.6468, 29.2481, 37.9175
YIQ	145.5200, 64.8670, 52.4110

Conversions

Conversions Part 2

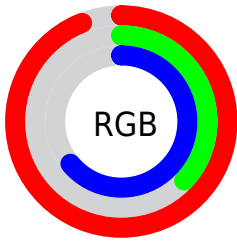
Format	Color
R _Y B	240, 94, 163
Decimal	15752867
CIE Lab	61.00, 62.50, -7.95
CIE LCh	61, 63.002, 352.750
Yxy	29.2481, 0.4099, 0.2570
Android (android.graphics.Color)	4293942947 (0xFFFF05EA3)
YUV	145.5200, 8.6176, 82.8590
Hunter-Lab	54.0815, 59.3185, -3.7121

Details

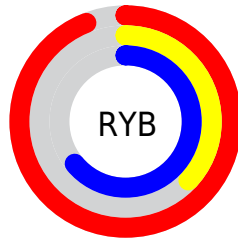
The CIELCh color **61, 63.002, 352.750** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **86, 58.933, 158.126**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 50.770, 340.002**, and **41, 62.852, 352.969** is the 20% darker color. If you saturate the color by 10%, you get **57, 70.585, 355.001**, and if you desaturate by 10%, it is **66, 53.837, 350.936**.

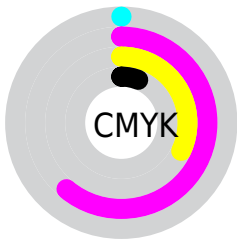
Distribution



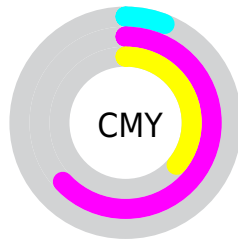
- Red (94%)
- Green (37%)
- Blue (64%)



- Red (94%)
- Yellow (37%)
- Blue (64%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (63%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 63.002, 352.750 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 61, 63.002, 352.750 by changing the saturation by 10% instead.


 61, 63.002,
352.750


 61, 63.002,
352.750


 100, 63.002,
352.750


 51, 63.002,
352.750


 81, 63.002,
352.750

 41, 63.002,
352.750

 91, 63.002,
352.750

 31, 63.002,
352.750

 21, 63.002,
352.750

 11, 63.002,
352.750

 1, 63.002, 352.750

 0, 63.002, 352.750

61, 63.002,
352.750

61, 63.002,
352.750

57, 70.585,
355.001

66, 53.837,
350.936

54, 76.098,
357.844

71, 43.663,
349.435

53, 79.321, 1.454

76, 32.965,
348.161

52, 80.704, 5.480

82, 22.110,
347.052

88, 11.345,
346.058

94, 0.821, 344.647

99, 5.388, 181.985

99, 5.096, 199.212

Harmonies

Complementary

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



61, 63.002, 352.750



86, 58.933, 158.126

Rectangle

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



61, 63.002, 352.750



61, 63.002, 42.750



61, 63.002, 172.750



61, 63.002, 222.750

Sweetspot

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



61, 62.998, 352.751



88, 20.044, 346.771



55, 84.194, 312.623



45, 13.969, 347.072



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 62.998, 352.751



60, 75.484, 355.636



60, 62.853, 28.707



47, 5.957, 345.933



39, 66.010, 4.615



8, 29.213, 357.709

Inverse Universe

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



61, 62.998, 352.751



60, 75.484, 355.636



87, 39.389, 198.773



47, 5.957, 345.933



39, 66.010, 4.615



8, 29.213, 357.709

Previews

White Background



This preview shows how the CIELCh color 61, 63.002, 352.750 looks on a white background.

Color Contrast Check

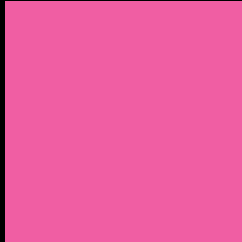
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 63.002, 352.750 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 × Fail

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

CIELCh 61, 63.002, 352.750

Background



This preview shows how black text looks on a background with the CIELCh color 61, 63.002, 352.750.

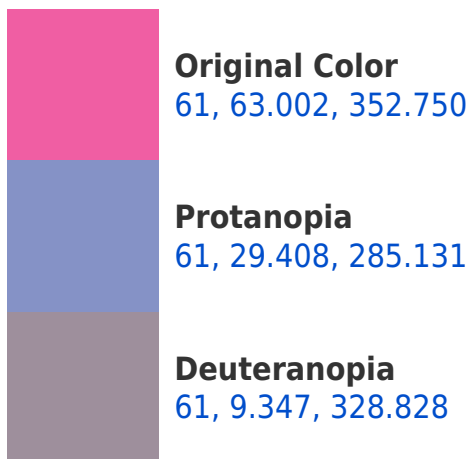


This preview shows how white text looks on a background with the CIELCh color 61, 63.002, 352.750.

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](#).

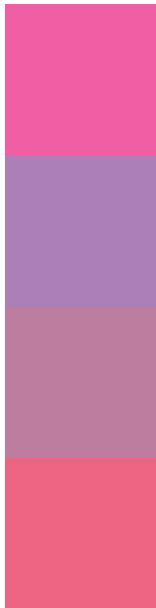
Dichromacy





Tritanopia
61, 55.338, 22.098

Trichromacy



Original Color
61, 63.002, 352.750

Protanomaly
59, 36.506, 319.440

Deuteranomaly
60, 30.618, 344.581

Tritanomaly
61, 56.377, 10.703

Monochromacy



Original Color
61, 63.002, 352.750

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 24.909, 347.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 63.002, 352.750 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(240, 94, 163)` looks like.

```
.text, #text, p{  
    color:rgb(240, 94, 163)  
}
```

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(240, 94, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 94, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 63.002, 352.750 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(240, 94, 163) }
```

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

```
.border{ border-color:rgb(240, 94, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 94, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 94, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 94, 163);  
box-shadow:4px 4px 4px 4px rgb(240, 94,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 63.002, 352.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 94, 163) }
```

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

```
.background{ background-color: rgb(240, 94,  
163) }
```

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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