

Converting Colors

CIELCh(61, 61.079, 2.558)

Have a look what the booklet for
CIELCh(61, 61.079, 2.558) contains.

CIELCh(61, 61.061, 2.497)	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(61, 61.061, 2.497)

Conversions

Conversions Part 1

Format	Color
Hex	F35F91
RGB	243, 95, 145
RGB Percent	95%, 37%, 57%
CMY	0.0474, 0.6278, 0.4317
CMYK	0.00, 0.61, 0.40, 0.05
HSL	340°, 86%, 66%
HSV	340°, 61%, 95%
XYZ	46.1183, 29.2481, 29.9699
YIQ	144.9520, 72.1580, 46.9260

Conversions

Conversions Part 2

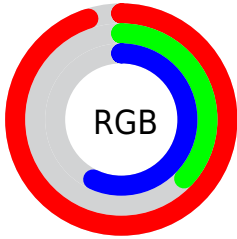
Format	Color
RYB	243, 95, 145
Decimal	15949713
CIELab	61.00, 61.00, 2.66
CIElCh	61, 61.061, 2.497
Yxy	29.2481, 0.4378, 0.2777
Android (android.graphics.Color)	4294139793 (0xFFFF35F91)
YUV	144.9520, 0.0237, 85.9881
Hunter-Lab	54.0815, 57.5740, 5.0008

Details

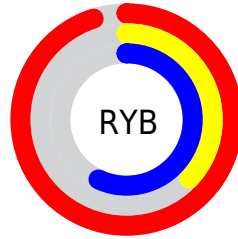
The CIELCh color **61, 61.061, 2.497** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **87, 52.582, 166.245**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 45.015, 350.397**, and **41, 60.932, 2.328** is the 20% darker color. If you saturate the color by 10%, you get **57, 69.168, 5.418**, and if you desaturate by 10%, it is **66, 51.709, 0.190**.

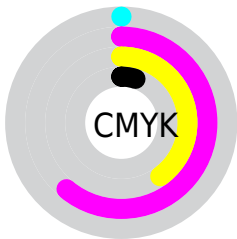
Distribution



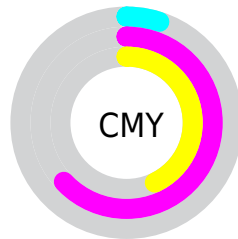
- Red (95%)
- Green (37%)
- Blue (57%)



- Red (95%)
- Yellow (37%)
- Blue (57%)



- Cyan (0%)
- Magenta (61%)
- Yellow (40%)
- Black (5%)




- Cyan (5%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 61.061, 2.497 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, 61.061, 2.497 by changing the saturation by 10% instead.

 61, 61.061, 2.497

 61, 61.061, 2.497

 100, 61.061, 2.497

 51, 61.061, 2.497

 81, 61.061, 2.497

 41, 61.061, 2.497

 91, 61.061, 2.497

 31, 61.061, 2.497

 21, 61.061, 2.497

 11, 61.061, 2.497

 1, 61.061, 2.497

 0, 61.061, 2.497

 61, 61.061, 2.497

 61, 61.061, 2.497

 57, 69.168, 5.418

 66, 51.709, 0.190

54, 75.624, 9.128

71, 41.620,
358.332

52, 80.317, 13.775

77, 31.227,
356.802

51, 83.532, 18.682

83, 20.851,
355.510

89, 10.701,
354.385

95, 0.892, 352.873

99, 4.174, 199.299

Harmonies

Complementary

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



61, 61.061, 2.497



87, 52.582, 166.245

Rectangle

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



61, 61.061, 2.497



61, 61.061, 52.497



61, 61.061, 182.497



61, 61.061, 232.497

Sweetspot

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



61, 61.057, 2.499



88, 18.573, 355.173



58, 85.486, 316.605



45, 12.967, 355.515



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, 61.057, 2.499



59, 73.440, 6.183



64, 58.294, 36.947



48, 5.588, 354.232



39, 68.117, 17.652



9, 29.621, 8.682

Inverse Universe

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



61, 61.057, 2.499



59, 73.440, 6.183



82, 35.456, 216.883



48, 5.588, 354.232



39, 68.117, 17.652



9, 29.621, 8.682

Previews

White Background



This preview shows how the CIELCh color 61, 61.061, 2.497 looks on a white background.

Color Contrast Check

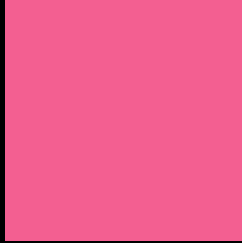
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 61.061, 2.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

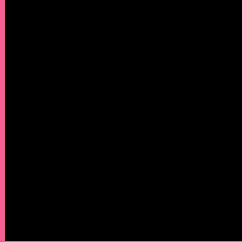
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 61.061, 2.497

Background



This preview shows how black text looks on a background with the CIELCh color 61, 61.061, 2.497.

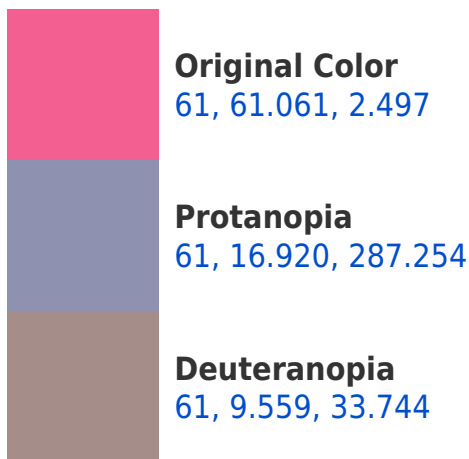


This preview shows how white text looks on a background with the CIELCh color 61, 61.061, 2.497.

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](#).

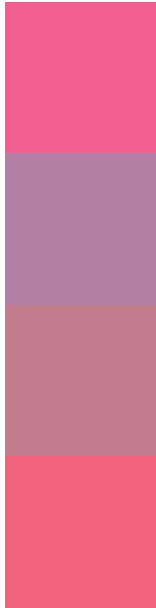
Dichromacy





Tritanopia
61, 58.511, 23.384

Trichromacy



Original Color
61, 61.061, 2.497

Protanomaly
59, 28.954, 335.062

Deuteranomaly
60, 28.673, 4.723

Tritanomaly
61, 58.579, 15.479

Monochromacy



Original Color
61, 61.061, 2.497

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 23.633, 356.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 61.061, 2.497 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(243, 95, 145)` looks like.

```
.text, #text, p{  
    color:rgb(243, 95, 145)  
}
```

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(243, 95, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 95, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 61.061, 2.497 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(243, 95, 145) }
```

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

```
.border{ border-color:rgb(243, 95, 145) }
```

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

Here you see how a box with a 4 pixel rgb(243, 95, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 95, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 95, 145);  
box-shadow:4px 4px 4px 4px rgb(243, 95,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 61.061, 2.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 95, 145) }
```

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

```
.background{ background-color: rgb(243, 95,  
145) }
```

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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