

Converting Colors

CIELCh(61, 75.308, 350.572)

Have a look what the booklet for
CIELCh(61, 75.308, 350.572)
contains.

CIELCh(61, 75.170, 350.557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 75.170, 350.557)

Conversions

Conversions Part 1

Format	Color
Hex	FE4CAB
RGB	254, 76, 171
RGB Percent	100%, 30%, 67%
CMY	0.0032, 0.7012, 0.3288
CMYK	0.00, 0.70, 0.33, 0.00
HSL	328°, 99%, 65%
HSV	328°, 70%, 100%
XYZ	50.9050, 29.2481, 41.5715
YIQ	140.0520, 75.5930, 67.2810

Conversions

Conversions Part 2

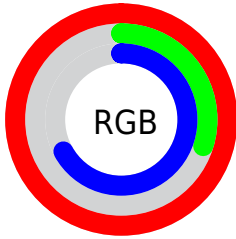
Format	Color
RYB	254, 76, 171
Decimal	16665771
CIELab	61.00, 74.15, -12.33
CIELCh	61, 75.170, 350.557
Yxy	29.2481, 0.4182, 0.2403
Android (android.graphics.Color)	4294855851 (0xFFFE4CAB)
YUV	140.0520, 15.2574, 99.9324
Hunter-Lab	54.0815, 73.3728, -7.7181

Details

The CIELCh color **61, 75.170, 350.557** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **89, 73.093, 153.384**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 61.444, 335.495**, and **42, 71.374, 351.581** is the 20% darker color. If you saturate the color by 10%, you get **58, 80.889, 352.951**, and if you desaturate by 10%, it is **65, 67.132, 348.642**.

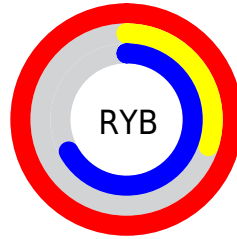
Distribution



Red (100%)

Green (30%)

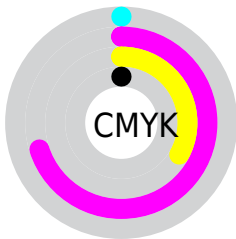
Blue (67%)



Red (100%)

Yellow (30%)

Blue (67%)

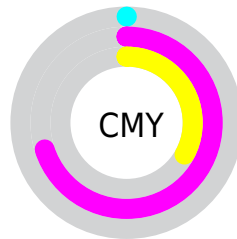


Cyan (0%)

Magenta (70%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (70%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 75.170, 350.557 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, 75.170, 350.557 by changing the saturation by 10% instead.


 61, 75.170,
350.557


 61, 75.170,
350.557


 100, 75.170,
350.557


 51, 75.170,
350.557


 81, 75.170,
350.557

 41, 75.170,
350.557

 91, 75.170,
350.557

 31, 75.170,
350.557

 21, 75.170,
350.557

 11, 75.170,
350.557

 1, 75.170, 350.557

 0, 75.170, 350.557

61, 75.170,
350.557

61, 75.170,
350.557

58, 80.889,
352.951

65, 67.132,
348.642

56, 84.011,
355.978

70, 57.349,
347.072

55, 84.949,
359.704

75, 46.429,
345.749

81, 34.901,
344.604

87, 23.162,
343.591

93, 11.483,
342.669

100, 0.031,
326.580

100, 0.283,

Harmonies

Complementary

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



61, 75.170, 350.557



89, 73.093, 153.384

Rectangle

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



61, 75.170, 350.557



61, 75.170, 40.557



61, 75.170, 170.557



61, 75.170, 220.557

Sweetspot

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



61, 75.166, 350.558



86, 24.377, 343.686



51, 100.609, 311.123



44, 16.528, 343.958



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, 75.166, 350.558



57, 82.650, 354.075



59, 75.708, 27.393



50, 6.529, 342.623



41, 68.724, 358.955



11, 32.225, 353.884

Inverse Universe

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



61, 75.166, 350.558



57, 82.650, 354.075



91, 46.635, 190.806



50, 6.529, 342.623



41, 68.724, 358.955



11, 32.225, 353.884

Previews

White Background



This preview shows how the CIELCh color 61, 75.170, 350.557 looks on a white background.

Color Contrast Check

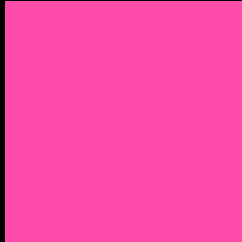
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.170, 350.557 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, 75.170, 350.557

Background



This preview shows how black text looks on a background with the CIELCh color 61, 75.170, 350.557.



This preview shows how white text looks on a background with the CIELCh color 61, 75.170, 350.557.

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

61, 75.170, 350.557

Protanopia

61, 41.817, 285.730

Deuteranopia

61, 11.675, 313.997



Tritanopia
61, 65.583, 25.481

Trichromacy



Original Color
61, 75.170, 350.557



Protanomaly
58, 49.451, 314.989



Deuteranomaly
59, 37.101, 339.896



Tritanomaly
61, 65.931, 11.339

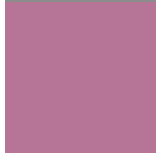
Monochromacy



Original Color
61, 75.170, 350.557



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 31.456, 345.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 75.170, 350.557 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(254, 76, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 76, 171)  
}
```

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(254, 76, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 76, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 75.170, 350.557 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(254, 76, 171) }
```

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

```
.border{ border-color:rgb(254, 76, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 76, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 76, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 76, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 76,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 75.170, 350.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 76, 171) }
```

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

```
.background{ background-color: rgb(254, 76,  
171) }
```

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