

Converting Colors

CIELCh(61, 76.176, 348.313)

Have a look what the booklet for
CIELCh(61, 76.176, 348.313)
contains.

CIELCh(61, 76.208, 348.074)	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, 76.208, 348.074)

Conversions

Conversions Part 1

Format	Color
Hex	FD4CB1
RGB	253, 76, 177
RGB Percent	99%, 30%, 69%
CMY	0.0076, 0.7017, 0.3057
CMYK	0.00, 0.70, 0.30, 0.01
HSL	326°, 98%, 65%
HSV	326°, 70%, 99%
XYZ	51.0600, 29.2481, 44.5769
YIQ	140.4370, 73.0710, 68.9350

Conversions

Conversions Part 2

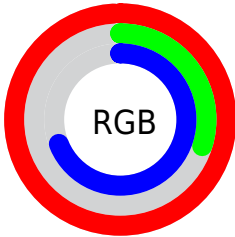
Format	Color
R_{YB}	253, 76, 177
Decimal	16600241
CIE _{Lab}	61.00, 74.56, -15.75
CIE _{LCh}	61, 76.208, 348.074
Yxy	29.2481, 0.4089, 0.2342
Android (android.graphics.Color)	4294790321 (0xFFFD4CB1)
YUV	140.4370, 18.0256, 98.7178
Hunter-Lab	54.0815, 73.8844, -11.0129

Details

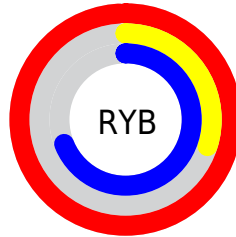
The CIELCh color **61, 76.208, 348.074** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **89, 75.243, 151.676**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 63.942, 333.100**, and **42, 72.176, 349.146** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.896, 350.211**, and if you desaturate by 10%, it is **65, 68.135, 346.347**.

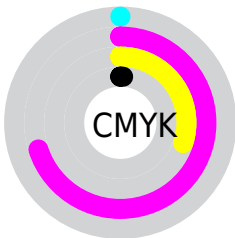
Distribution



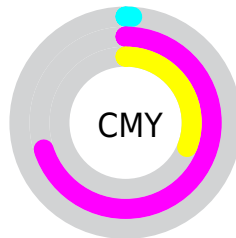
- Red (99%)
- Green (30%)
- Blue (69%)



- Red (99%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (30%)
- Black (1%)





- Cyan (1%)
- Magenta (70%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 76.208, 348.074 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, 76.208, 348.074 by changing the saturation by 10% instead.


 61, 76.208,
348.074


 61, 76.208,
348.074


 100, 76.208,
348.074


 51, 76.208,
348.074


 81, 76.208,
348.074

 41, 76.208,
348.074

 91, 76.208,
348.074

 31, 76.208,
348.074

 21, 76.208,
348.074

 11, 76.208,
348.074

 1, 76.208, 348.074

 0, 76.208, 348.074

61, 76.208,
348.074

61, 76.208,
348.074

58, 81.896,
350.211

65, 68.135,
346.347

56, 84.900,
352.896

70, 58.263,
344.914

55, 85.598,
356.207

75, 47.206,
343.691

55, 85.601,
356.229

81, 35.501,
342.620

87, 23.553,
341.662

93, 11.641,
340.782

99, 0.064, 167.215

100, 0.674,
200.346

Harmonies

Complementary

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



61, 76.208, 348.074



89, 75.243, 151.676

Rectangle

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



61, 76.208, 348.074



61, 76.208, 38.074



61, 76.208, 168.074



61, 76.208, 218.074

Sweetspot

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



61, 76.204, 348.075



87, 24.979, 341.761



50, 100.328, 310.258



44, 16.931, 342.018



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, 76.204, 348.075



58, 83.938, 351.236



59, 74.186, 25.008



50, 6.698, 340.745



42, 69.527, 355.573



11, 32.706, 351.090

Inverse Universe

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



61, 76.204, 348.075



58, 83.938, 351.236



91, 47.548, 187.113



50, 6.698, 340.745



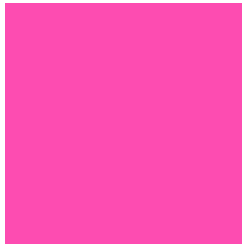
42, 69.527, 355.573



11, 32.706, 351.090

Previews

White Background



This preview shows how the CIELCh color 61, 76.208, 348.074 looks on a white background.

Color Contrast Check

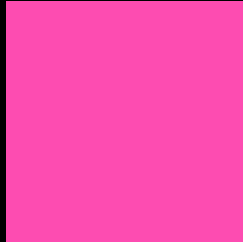
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.208, 348.074 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, 76.208, 348.074

Background



This preview shows how black text looks on a background with the CIELCh color 61, 76.208, 348.074.



This preview shows how white text looks on a background with the CIELCh color 61, 76.208, 348.074.

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, 76.208, 348.074

Protanopia

61, 45.790, 285.416

Deuteranopia

61, 13.893, 303.857



Tritanopia
61, 64.315, 25.209

Trichromacy



Original Color
61, 76.208, 348.074



Protanomaly
58, 52.200, 312.279



Deuteranomaly
59, 38.760, 335.181



Tritanomaly
61, 64.849, 10.271

Monochromacy



Original Color
61, 76.208, 348.074



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 32.356, 343.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 76.208, 348.074 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(253, 76, 177)` looks like.

```
.text, #text, p{  
    color:rgb(253, 76, 177)  
}
```

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(253, 76, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 76, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 76.208, 348.074 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(253, 76, 177) }
```

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

```
.border{ border-color:rgb(253, 76, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 76, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 76, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 76, 177);  
box-shadow:4px 4px 4px 4px rgb(253, 76,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 76.208, 348.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 76, 177) }
```

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

```
.background{ background-color: rgb(253, 76,  
177) }
```

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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