

Converting Colors

CIELCh(61, 73.346, 353.105)

Have a look what the booklet for
CIELCh(61, 73.346, 353.105)
contains.

CIELCh(61, 73.348, 353.118)	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, 73.348, 353.118)

Conversions

Conversions Part 1

Format	Color
Hex	FE4EA5
RGB	254, 78, 165
RGB Percent	100%, 31%, 65%
CMY	0.0038, 0.6939, 0.3528
CMYK	0.00, 0.69, 0.35, 0.00
HSL	330°, 99%, 65%
HSV	330°, 69%, 100%
XYZ	50.4057, 29.2481, 38.5991
YIQ	140.5420, 76.9690, 64.3690

Conversions

Conversions Part 2

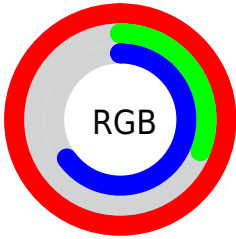
Format	Color
R_{YB}	254, 78, 165
Decimal	16666277
CIE Lab	61.00, 72.82, -8.79
CIE LCh	61, 73.348, 353.118
Yxy	29.2481, 0.4263, 0.2473
Android (android.graphics.Color)	4294856357 (0xFFFE4EA5)
YUV	140.5420, 12.0578, 99.5027
Hunter-Lab	54.0815, 71.7250, -4.4594

Details

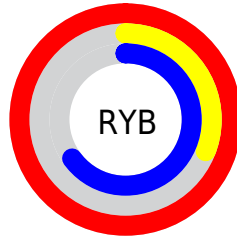
The CIELCh color **61, 73.348, 353.118** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 69.865, 155.478**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 58.848, 337.813**, and **42, 70.398, 354.268** is the 20% darker color. If you saturate the color by 10%, you get **58, 79.339, 355.737**, and if you desaturate by 10%, it is **65, 65.171, 351.037**.

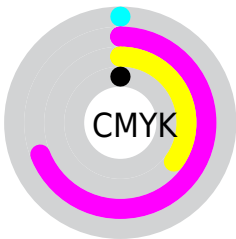
Distribution



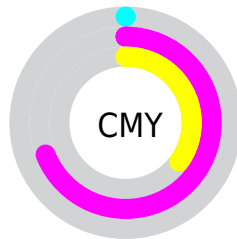
- Red (100%)
- Green (31%)
- Blue (65%)



- Red (100%)
- Yellow (31%)
- Blue (65%)



- Cyan (0%)
- Magenta (69%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 73.348, 353.118 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, 73.348, 353.118 by changing the saturation by 10% instead.


 61, 73.348,
353.118


 61, 73.348,
353.118


 100, 73.348,
353.118


 51, 73.348,
353.118


 81, 73.348,
353.118

 41, 73.348,
353.118

 91, 73.348,
353.118

 31, 73.348,
353.118

 21, 73.348,
353.118

 11, 73.348,
353.118

 1, 73.348, 353.118

 0, 73.348, 353.118

■ 61, 73.348,
353.118

■ 61, 73.348,
353.118

■ 58, 79.339,
355.737

■ 65, 65.171,
351.037

■ 56, 82.859,
359.061

■ 70, 55.376,
349.345

■ 55, 84.246, 3.183

■ 75, 44.554,
347.933

■ 55, 84.328, 3.495

■ 81, 33.211,
346.724

■ 87, 21.724,
345.663

■ 94, 10.341,
344.701

100, 0.336,
197.936

100, 0.336,

Harmonies

Complementary

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



61, 73.348, 353.118



90, 69.865, 155.478

Rectangle

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



61, 73.348, 353.118



61, 73.348, 43.118



61, 73.348, 173.118



61, 73.348, 223.118

Sweetspot

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



61, 73.344, 353.119



86, 23.774, 345.837



53, 99.380, 312.440



44, 16.125, 346.124



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, 73.344, 353.119



57, 81.180, 356.888



59, 76.782, 30.479



50, 6.358, 344.723



41, 68.190, 2.662



10, 31.816, 356.973

Inverse Universe

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



61, 73.344, 353.119



57, 81.180, 356.888



92, 45.048, 196.670



50, 6.358, 344.723



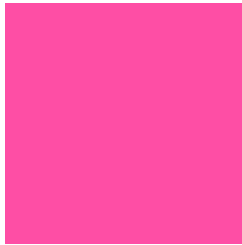
41, 68.190, 2.662



10, 31.816, 356.973

Previews

White Background



This preview shows how the CIELCh color 61, 73.348, 353.118 looks on a white background.

Color Contrast Check

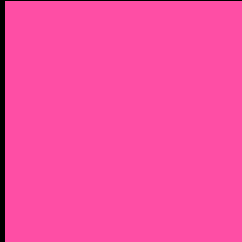
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.348, 353.118 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, 73.348, 353.118

Background



This preview shows how black text looks on a background with the CIELCh color 61, 73.348, 353.118.

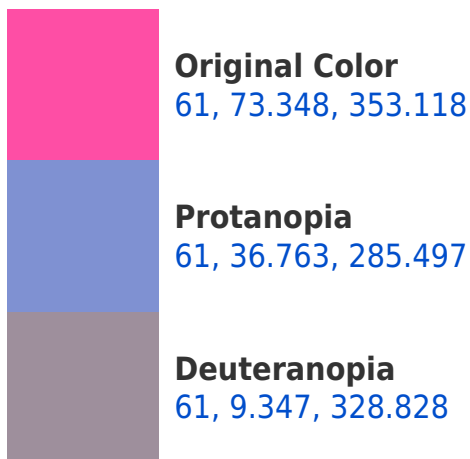


This preview shows how white text looks on a background with the CIELCh color 61, 73.348, 353.118.

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, 66.053, 25.618

Trichromacy



Original Color
61, 73.348, 353.118



Protanomaly
58, 45.003, 317.721



Deuteranomaly
59, 35.764, 345.079



Tritanomaly
61, 66.035, 12.785

Monochromacy



Original Color
61, 73.348, 353.118



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 30.556, 346.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 73.348, 353.118 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, 78, 165)` looks like.

```
.text, #text, p{  
    color:rgb(254, 78, 165)  
}
```

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, 78, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 78, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 73.348, 353.118 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, 78, 165) }
```

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

```
.border{ border-color:rgb(254, 78, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 78, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 78, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 78, 165);  
box-shadow:4px 4px 4px 4px rgb(254, 78,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 73.348, 353.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 78, 165) }
```

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

```
.background{ background-color: rgb(254, 78,  
165) }
```

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