

Converting Colors

CIELCh(61, 74.566, 351.875)

Have a look what the booklet for
CIELCh(61, 74.566, 351.875)
contains.

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Color

CIELCh(61, 74.464, 352.050)

Conversions

Conversions Part 1

Format	Color
Hex	FF4DA8
RGB	255, 77, 168
RGB Percent	100%, 30%, 66%
CMY	0.0016, 0.6996, 0.3425
CMYK	0.00, 0.70, 0.34, 0.00
HSL	329°, 100%, 65%
HSV	329°, 70%, 100%
XYZ	50.7536, 29.2481, 39.8477
YIQ	140.5960, 76.8770, 66.0370

Conversions

Conversions Part 2

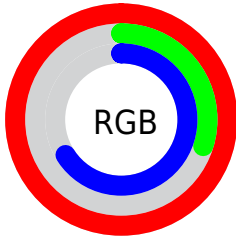
Format	Color
R _Y B	255, 77, 168
Decimal	16731560
CIE Lab	61.00, 73.75, -10.30
CIE LCh	61, 74.464, 352.050
Yxy	29.2481, 0.4235, 0.2440
Android (android.graphics.Color)	4294921640 (0xFFFF4DA8)
YUV	140.5960, 13.5102, 100.3323
Hunter-Lab	54.0815, 72.8730, -5.8283

Details

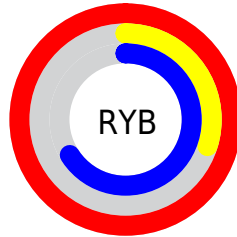
The CIELCh color **61, 74.464, 352.050** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 71.638, 154.480**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 59.852, 336.660**, and **42, 70.864, 352.911** is the 20% darker color. If you saturate the color by 10%, you get **58, 80.261, 354.590**, and if you desaturate by 10%, it is **65, 66.402, 350.028**.

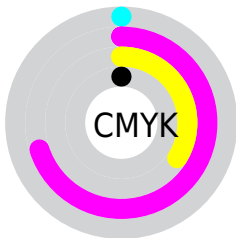
Distribution



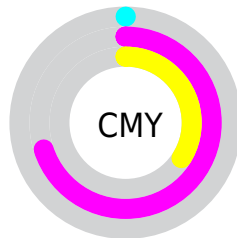
- Red (100%)
- Green (30%)
- Blue (66%)



- Red (100%)
- Yellow (30%)
- Blue (66%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 74.464, 352.050 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, 74.464, 352.050 by changing the saturation by 10% instead.


 61, 74.464,
352.050


 61, 74.464,
352.050


 100, 74.464,
352.050


 51, 74.464,
352.050


 81, 74.464,
352.050

 41, 74.464,
352.050

 91, 74.464,
352.050

 31, 74.464,
352.050

 21, 74.464,
352.050

 11, 74.464,
352.050

 1, 74.464, 352.050

 0, 74.464, 352.050

■ 61, 74.464,
352.050

■ 61, 74.464,
352.050

■ 58, 80.261,
354.590

■ 65, 66.402,
350.028

■ 56, 83.522,
357.810

■ 70, 56.643,
348.379

■ 55, 84.665, 1.782

■ 75, 45.789,
346.998

■ 55, 84.673, 1.817

■ 81, 34.359,
345.812

■ 87, 22.745,
344.768

■ 93, 11.210,
343.821

100, 0.086,
168.633

100, 0.138,

Harmonies

Complementary

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



61, 74.464, 352.050



90, 71.638, 154.480

Rectangle

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



61, 74.464, 352.050



61, 74.464, 42.050



61, 74.464, 172.050



61, 74.464, 222.050

Sweetspot

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



61, 74.460, 352.051



86, 24.035, 344.875



52, 100.440, 312.005



44, 16.300, 345.155



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, 74.460, 352.051



57, 82.000, 355.816



59, 76.987, 29.609



50, 6.432, 343.783



41, 68.384, 1.016



10, 31.983, 355.597

Inverse Universe

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



61, 74.460, 352.051



57, 82.000, 355.816



92, 45.725, 194.673



50, 6.432, 343.783



41, 68.384, 1.016



10, 31.983, 355.597

Previews

White Background



This preview shows how the CIELCh color 61, 74.464, 352.050 looks on a white background.

Color Contrast Check

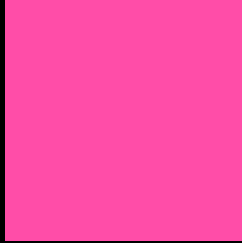
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.464, 352.050 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, 74.464, 352.050

Background



This preview shows how black text looks on a background with the CIELCh color 61, 74.464, 352.050.

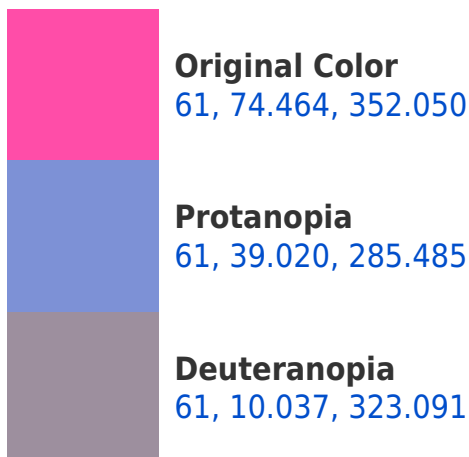


This preview shows how white text looks on a background with the CIELCh color 61, 74.464, 352.050.

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, 66.450, 25.685

Trichromacy



Original Color
61, 74.464, 352.050



Protanomaly
58, 47.035, 316.615



Deuteranomaly
59, 36.389, 342.432



Tritanomaly
61, 66.345, 12.461

Monochromacy



Original Color
61, 74.464, 352.050



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 31.171, 346.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 74.464, 352.050 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(255, 77, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 168)  
}
```

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(255, 77, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 74.464, 352.050 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(255, 77, 168) }
```

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

```
.border{ border-color:rgb(255, 77, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 74.464, 352.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 168) }
```

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

```
.background{ background-color: rgb(255, 77,  
168) }
```

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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