

Converting Colors

CIELCh(71, 92.239, 9.516)

Have a look what the booklet for
CIELCh(71, 92.239, 9.516) contains.

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Color

CIELCh(60, 74.705, 358.010)

Conversions

Conversions Part 1

Format	Color
Hex	FF4698
RGB	255, 70, 152
RGB Percent	100%, 27%, 60%
CMY	0.0000, 0.7249, 0.4044
CMYK	0.00, 0.72, 0.40, 0.00
HSL	333°, 100%, 64%
HSV	333°, 72%, 100%
XYZ	49.4885, 28.1233, 32.4764
YIQ	134.6630, 83.9380, 64.7220

Conversions

Conversions Part 2

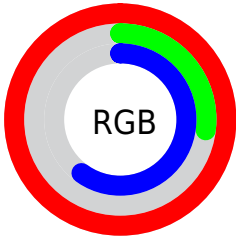
Format	Color
RYB	255, 70, 152
Decimal	16729752
CIELab	60.00, 74.66, -2.59
CIELCh	60, 74.705, 358.010
Yxy	28.1233, 0.4495, 0.2555
Android (android.graphics.Color)	4294919832 (0xFFFF4698)
YUV	134.6630, 8.5471, 105.5355
Hunter-Lab	53.0314, 73.7696, 0.8128

Details

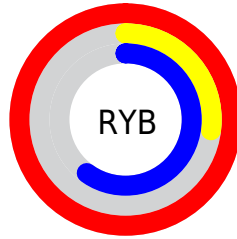
The CIELCh color **60, 74.705, 358.010** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 68.977, 157.701**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 57.857, 342.991**, and **42, 69.016, 359.936** is the 20% darker color. If you saturate the color by 10%, you get **57, 79.925, 0.991**, and if you desaturate by 10%, it is **64, 66.779, 355.257**.

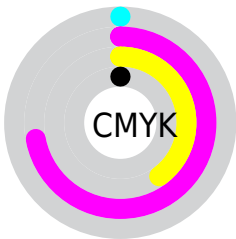
Distribution



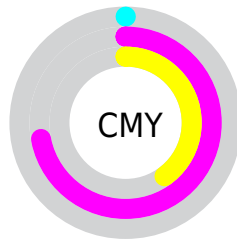
- Red (100%)
- Green (27%)
- Blue (60%)



- Red (100%)
- Yellow (27%)
- Blue (60%)



- Cyan (0%)
- Magenta (72%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 74.705, 358.010 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 60, 74.705, 358.010 by changing the saturation by 10% instead.


 60, 74.705,
358.010


 60, 74.705,
358.010


 100, 74.705,
358.010


 50, 74.705,
358.010


 80, 74.705,
358.010

 40, 74.705,
358.010

 90, 74.705,
358.010

 30, 74.705,
358.010

 20, 74.705,
358.010

 10, 74.705,
358.010

 0, 74.705, 358.010

 60, 74.705,

 60, 74.705,

358.010

358.010

■ 57, 79.925, 0.991

■ 64, 66.779,
355.257

■ 55, 83.138, 5.057

■ 68, 57.433,
353.241

■ 54, 84.485, 8.647

■ 74, 46.975,
351.595

■ 79, 35.930,
350.216

■ 85, 24.699,
349.030

■ 92, 13.555,
347.983

■ 98, 2.665, 346.913

■ 100, 0.012,
296.813

Harmonies

Complementary

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



60, 74.705, 358.010



90, 68.977, 157.701

Rectangle

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



60, 74.705, 358.010



60, 74.705, 48.010



60, 74.705, 178.010



60, 74.705, 228.010

Sweetspot

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



60, 74.434, 357.782



86, 24.153, 348.977



52, 103.332, 313.878



44, 16.269, 349.280



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 74.434, 357.782



56, 81.645, 2.712



59, 78.807, 33.610



50, 6.146, 347.687



41, 68.012, 7.702



10, 31.446, 1.238

Inverse Universe

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



60, 74.434, 357.782



56, 81.645, 2.712



89, 43.610, 203.173



50, 6.146, 347.687



41, 68.012, 7.702



10, 31.446, 1.238

Previews

White Background



This preview shows how the CIELCh color 60, 74.705, 358.010 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 60, 74.705, 358.010 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 60, 74.705, 358.010

Background



This preview shows how black text looks on a background with the CIELCh color 60, 74.705, 358.010.

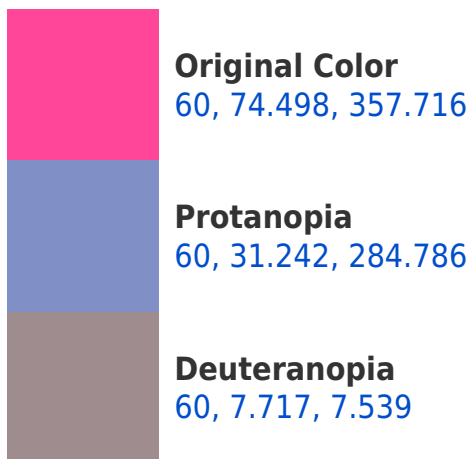


This preview shows how white text looks on a background with the CIELCh color 60, 74.705, 358.010.

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
60, 70.779, 27.289

Trichromacy



Original Color
60, 74.498, 357.716



Protanomaly
57, 41.492, 323.106



Deuteranomaly
58, 35.257, 354.475



Tritanomaly
60, 69.669, 16.187

Monochromacy



Original Color
60, 74.498, 357.716



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 31.530, 350.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 74.705, 358.010 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, 70, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 152)  
}
```

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, 70, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 74.705, 358.010 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, 70, 152) }
```

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

```
.border{ border-color:rgb(255, 70, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 70, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 74.705, 358.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 152) }
```

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

```
.background{ background-color: rgb(255, 70,  
152) }
```

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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