

Converting Colors

CIELCh(60, 75.146, 356.659)

Have a look what the booklet for
CIELCh(60, 75.146, 356.659)
contains.

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Color

CIELCh(60, 74.869, 356.487)

Conversions

Conversions Part 1

Format	Color
Hex	FF469B
RGB	255, 70, 155
RGB Percent	100%, 27%, 61%
CMY	0.0000, 0.7241, 0.3911
CMYK	0.00, 0.72, 0.39, 0.00
HSL	332°, 100%, 64%
HSV	332°, 72%, 100%
XYZ	49.5137, 28.1233, 33.9517
YIQ	135.0050, 82.9750, 65.6550

Conversions

Conversions Part 2

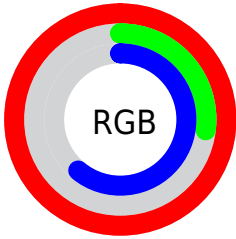
Format	Color
RYB	255, 70, 155
Decimal	16729755
CIELab	60.00, 74.73, -4.59
CIElCh	60, 74.869, 356.487
Yxy	28.1233, 0.4437, 0.2520
Android (android.graphics.Color)	4294919835 (0xFFFF469B)
YUV	135.0050, 9.8575, 105.2356
Hunter-Lab	53.0314, 73.8546, -0.8365

Details

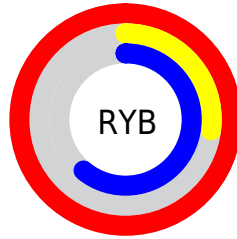
The CIELCh color **60, 74.869, 356.487** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **90, 70.125, 156.725**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 58.728, 341.704**, and **42, 69.286, 358.487** is the 20% darker color. If you saturate the color by 10%, you get **57, 80.191, 359.490**, and if you desaturate by 10%, it is **64, 67.161, 353.992**.

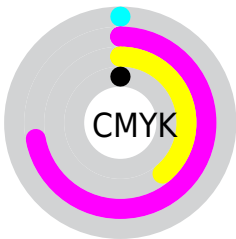
Distribution



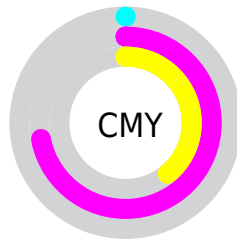
- Red (100%)
- Green (27%)
- Blue (61%)



- Red (100%)
- Yellow (27%)
- Blue (61%)



- Cyan (0%)
- Magenta (72%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 74.869, 356.487 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, 74.869, 356.487 by changing the saturation by 10% instead.

 60, 74.869,
356.487


 60, 74.869,
356.487

 100, 74.869,
356.487

 50, 74.869,
356.487


 80, 74.869,
356.487

 40, 74.869,
356.487

 90, 74.869,
356.487

 30, 74.869,
356.487

 20, 74.869,
356.487

 10, 74.869,
356.487

 0, 74.869, 356.487

 60, 74.869,

 60, 74.869,

356.487

356.487

■ 57, 80.191,
359.490

■ 64, 67.161,
353.992

■ 55, 83.247, 3.390

■ 68, 57.803,
352.052

■ 55, 84.424, 6.888

■ 74, 47.302,
350.461

■ 79, 36.188,
349.121

■ 85, 24.866,
347.964

■ 92, 13.616,
346.937

■ 98, 2.608, 345.881

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, 74.869, 356.487



90, 70.125, 156.725

Rectangle

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



60, 74.869, 356.487



60, 74.869, 46.487



60, 74.869, 176.487



60, 74.869, 226.487

Sweetspot

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



60, 74.785, 356.415



86, 24.408, 347.920



52, 103.335, 313.416



44, 16.438, 348.217



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, 74.785, 356.415



56, 81.875, 1.171



59, 79.386, 32.871



50, 6.217, 346.654



41, 68.003, 5.975



10, 31.549, 359.767

Inverse Universe

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



60, 74.785, 356.415



56, 81.875, 1.171



90, 44.379, 200.893



50, 6.217, 346.654



41, 68.003, 5.975



10, 31.549, 359.767

Previews

White Background



This preview shows how the CIELCh color 60, 74.869, 356.487 looks on a white background.

Color Contrast Check

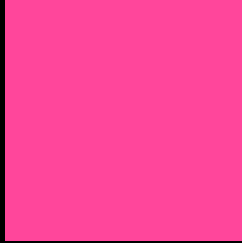
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.869, 356.487 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, 74.869, 356.487

Background



This preview shows how black text looks on a background with the CIELCh color 60, 74.869, 356.487.

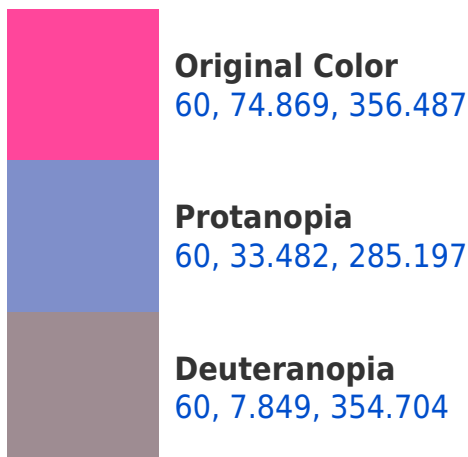


This preview shows how white text looks on a background with the CIELCh color 60, 74.869, 356.487.

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, 70.313, 27.150

Trichromacy



Original Color
60, 74.869, 356.487



Protanomaly
57, 43.373, 321.584



Deuteranomaly
58, 35.561, 351.592



Tritanomaly
60, 69.200, 15.500

Monochromacy



Original Color
60, 74.869, 356.487



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 31.773, 349.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 74.869, 356.487 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 74.869, 356.487 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, 155) }
```

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

```
.border{ border-color:rgb(255, 70, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 74.869, 356.487 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, 155) }
```

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

```
.background{ background-color: rgb(255, 70,  
155) }
```

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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