

Converting Colors

CIELCh(61, 95.804, 335.386)

Have a look what the booklet for
CIELCh(61, 95.804, 335.386)
contains.

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Color

CIELCh(61, 95.574, 335.197)

Conversions

Conversions Part 1

Format	Color
Hex	FF36DC
RGB	255, 54, 220
RGB Percent	100%, 21%, 86%
CMY	0.0000, 0.7873, 0.1380
CMYK	0.00, 0.79, 0.14, 0.00
HSL	311°, 100%, 61%
HSV	311°, 79%, 100%
XYZ	55.7950, 29.2481, 70.2898
YIQ	133.0230, 66.5100, 94.2380

Conversions

Conversions Part 2

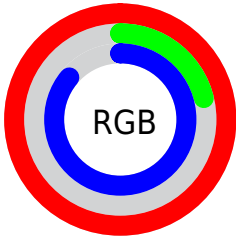
Format	Color
R _{YB}	255, 54, 220
Decimal	16725724
CIE _{Lab}	61.00, 86.76, -40.09
CIE _{LCh}	61, 95.574, 335.197
Y _{xy}	29.2481, 0.3592, 0.1883
Android (android.graphics.Color)	4294915804 (0xFFFF36DC)
YUV	133.0230, 42.8797, 106.9738
Hunter-Lab	54.0815, 89.5127, -39.2022

Details

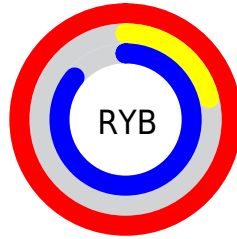
The CIELCh color **61, 95.574, 335.197** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **88, 100.873, 140.983**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.052, 327.139**, and **44, 83.337, 335.548** is the 20% darker color. If you saturate the color by 10%, you get **59, 99.414, 335.843**, and if you desaturate by 10%, it is **64, 88.611, 334.258**.

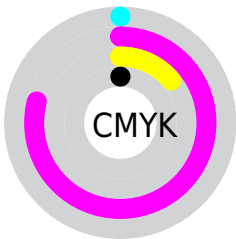
Distribution



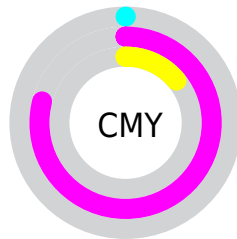
- Red (100%)
- Green (21%)
- Blue (86%)



- Red (100%)
- Yellow (21%)
- Blue (86%)



- Cyan (0%)
- Magenta (79%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (79%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 95.574, 335.197 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, 95.574, 335.197 by changing the saturation by 10% instead.


 61, 95.574,
335.197


 61, 95.574,
335.197


 100, 95.574,
335.197


 51, 95.574,
335.197


 81, 95.574,
335.197

 41, 95.574,
335.197

 91, 95.574,
335.197

 31, 95.574,
335.197

 21, 95.574,
335.197

 11, 95.574,
335.197

 1, 95.574, 335.197

 0, 95.574, 335.197

61, 95.574,
335.197

61, 95.574,
335.197

59, 99.414,
335.843

64, 88.611,
334.258

58, 100.503,
336.766

67, 79.079,
333.538

58, 100.553,
336.888

72, 67.503,
332.841

77, 54.528,
332.159

82, 40.725,
331.490

88, 26.544,
330.833

94, 12.308,
330.185

100, 0.012,

Harmonies

Complementary

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



61, 95.574, 335.197



88, 100.873, 140.983

Rectangle

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



61, 95.574, 335.197



61, 95.574, 25.197



61, 95.574, 155.197



61, 95.574, 205.197

Sweetspot

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



61, 95.508, 335.017



85, 34.046, 331.178



41, 114.715, 305.768



43, 23.381, 331.413



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, 95.508, 335.017



58, 100.274, 336.318



57, 77.284, 8.699



50, 8.022, 330.236



44, 81.177, 336.710



12, 37.951, 335.514

Inverse Universe

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



61, 95.508, 335.017



58, 100.274, 336.318



90, 65.261, 163.393



50, 8.022, 330.236



44, 81.177, 336.710



12, 37.951, 335.514

Previews

White Background



This preview shows how the CIELCh color 61, 95.574, 335.197 looks on a white background.

Color Contrast Check

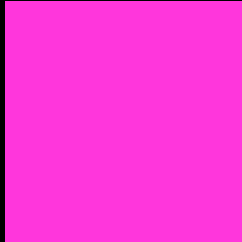
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.574, 335.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

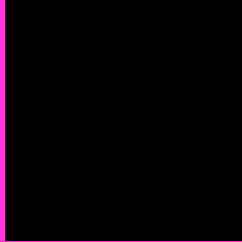
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 95.574, 335.197

Background



This preview shows how black text looks on a background with the CIELCh color 61, 95.574, 335.197.

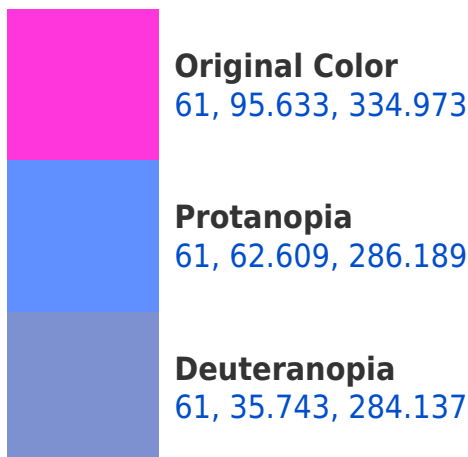


This preview shows how white text looks on a background with the CIELCh color 61, 95.574, 335.197.

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, 62.169, 24.730

Trichromacy



Original Color
61, 95.633, 334.973



Protanomaly
57, 75.107, 306.817



Deuteranomaly
57, 59.652, 314.584



Tritanomaly
60, 67.793, 0.510

Monochromacy



Original Color
61, 95.633, 334.973



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 43.402, 331.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 95.574, 335.197 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, 54, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 220)  
}
```

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, 54, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 95.574, 335.197 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, 54, 220) }
```

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

```
.border{ border-color:rgb(255, 54, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 95.574, 335.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 220) }
```

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

```
.background{ background-color: rgb(255, 54,  
220) }
```

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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