

Converting Colors

CIELCh(61, 97.554, 334.158)

Have a look what the booklet for
CIELCh(61, 97.554, 334.158)
contains.

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Color

CIELCh(61, 97.480, 334.043)

Conversions

Conversions Part 1

Format	Color
Hex	FF35E0
RGB	255, 53, 224
RGB Percent	100%, 21%, 88%
CMY	0.0000, 0.7938, 0.1201
CMYK	0.00, 0.79, 0.12, 0.00
HSL	309°, 100%, 60%
HSV	309°, 79%, 100%
XYZ	56.1511, 29.2481, 73.4762
YIQ	132.8920, 65.5010, 96.0050

Conversions

Conversions Part 2

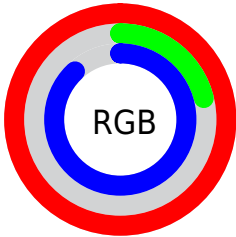
Format	Color
R _Y B	255, 53, 224
Decimal	16725472
CIE Lab	61.00, 87.65, -42.67
CIE LCh	61, 97.480, 334.043
Yxy	29.2481, 0.3534, 0.1841
Android (android.graphics.Color)	4294915552 (0xFFFF35E0)
YUV	132.8920, 44.9162, 107.0887
Hunter-Lab	54.0815, 90.6879, -42.6954

Details

The CIELCh color **61, 97.480, 334.043** 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, 102.950, 140.251**, 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 **45, 84.677, 334.425** is the 20% darker color. If you saturate the color by 10%, you get **59, 101.302, 334.675**, and if you desaturate by 10%, it is **64, 90.595, 333.289**.

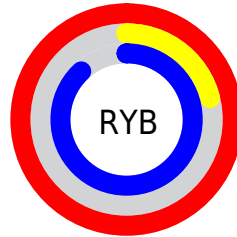
Distribution



Red (100%)

Green (21%)

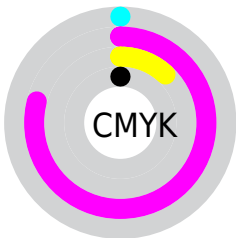
Blue (88%)



Red (100%)

Yellow (21%)

Blue (88%)

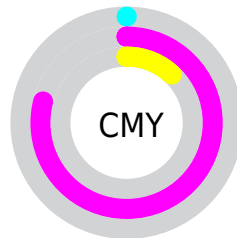


Cyan (0%)

Magenta (79%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 97.480, 334.043 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, 97.480, 334.043 by changing the saturation by 10% instead.


 61, 97.480,
334.043


 61, 97.480,
334.043


 100, 97.480,
334.043


 51, 97.480,
334.043


 81, 97.480,
334.043

 41, 97.480,
334.043

 91, 97.480,
334.043

 31, 97.480,
334.043

 21, 97.480,
334.043

 11, 97.480,
334.043

 1, 97.480, 334.043

 0, 97.480, 334.043

61, 97.480,
334.043

61, 97.480,
334.043

59, 101.302,
334.675

64, 90.595,
333.289

58, 102.408,
335.450

67, 81.056,
332.634

58, 102.441,
335.500

72, 69.414,
331.984

77, 56.311,
331.337

82, 42.329,
330.694

88, 27.932,
330.057

94, 13.454,
329.424

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, 97.480, 334.043



88, 102.950, 140.251

Rectangle

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



61, 97.480, 334.043



61, 97.480, 24.043



61, 97.480, 154.043



61, 97.480, 204.043

Sweetspot

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



61, 97.452, 333.962



85, 34.616, 330.350



41, 115.722, 305.602



43, 23.771, 330.578



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, 97.452, 333.962



59, 102.170, 335.104



57, 77.653, 7.555



50, 8.159, 329.432



44, 82.678, 335.354



12, 38.575, 334.369

Inverse Universe

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



61, 97.452, 333.962



59, 102.170, 335.104



90, 66.779, 162.106



50, 8.159, 329.432



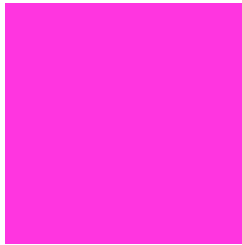
44, 82.678, 335.354



12, 38.575, 334.369

Previews

White Background



This preview shows how the CIELCh color 61, 97.480, 334.043 looks on a white background.

Color Contrast Check

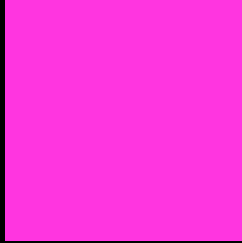
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.480, 334.043 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, 97.480, 334.043

Background



This preview shows how black text looks on a background with the CIELCh color 61, 97.480, 334.043.



This preview shows how white text looks on a background with the CIELCh color 61, 97.480, 334.043.

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, 62.007, 24.242

Trichromacy



Original Color
61, 97.219, 334.050



Protanomaly
57, 76.154, 306.713



Deuteranomaly
57, 62.056, 313.153



Tritanomaly
60, 68.362, 359.432

Monochromacy



Original Color
61, 97.219, 334.050



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 43.808, 331.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 97.480, 334.043 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, 53, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 224)  
}
```

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, 53, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 97.480, 334.043 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, 53, 224) }
```

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

```
.border{ border-color:rgb(255, 53, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 53, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 97.480, 334.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 224) }
```

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

```
.background{ background-color: rgb(255, 53,  
224) }
```

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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