

Converting Colors

CIELCh(61, 95.317, 334.165)

Have a look what the booklet for
CIELCh(61, 95.317, 334.165)
contains.

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Color

CIELCh(61, 95.040, 334.145)

Conversions

Conversions Part 1

Format	Color
Hex	FD3ADE
RGB	253, 58, 222
RGB Percent	99%, 23%, 87%
CMY	0.0071, 0.7716, 0.1288
CMYK	0.00, 0.77, 0.12, 0.01
HSL	310°, 98%, 61%
HSV	310°, 77%, 99%
XYZ	55.3042, 29.2481, 71.9536
YIQ	135.0010, 63.5760, 92.3440

Conversions

Conversions Part 2

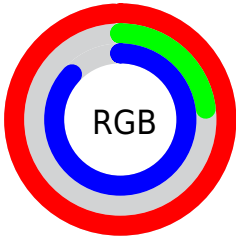
Format	Color
R _Y B	253, 58, 222
Decimal	16595678
CIE Lab	61.00, 85.53, -41.45
CIE LCh	61, 95.040, 334.145
Yxy	29.2481, 0.3534, 0.1869
Android (android.graphics.Color)	4294785758 (0xFFFD3ADE)
YUV	135.0010, 42.8905, 103.4851
Hunter-Lab	54.0815, 87.8926, -41.0262

Details

The CIELCh color **61, 95.040, 334.145** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 99.798, 140.826**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 78.997, 327.105**, and **44, 83.940, 334.495** is the 20% darker color. If you saturate the color by 10%, you get **59, 99.547, 334.881**, and if you desaturate by 10%, it is **64, 87.584, 333.451**.

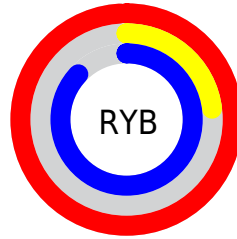
Distribution



Red (99%)

Green (23%)

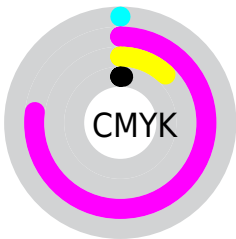
Blue (87%)



Red (99%)

Yellow (23%)

Blue (87%)

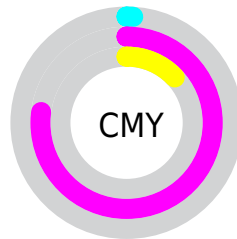


Cyan (0%)

Magenta (77%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (77%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 95.040, 334.145 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, 95.040, 334.145 by changing the saturation by 10% instead.


 61, 95.040,
334.145


 61, 95.040,
334.145


 100, 95.040,
334.145


 51, 95.040,
334.145


 81, 95.040,
334.145

 41, 95.040,
334.145

 91, 95.040,
334.145

 31, 95.040,
334.145

 21, 95.040,
334.145

 11, 95.040,
334.145

 1, 95.040, 334.145

 0, 95.040, 334.145

61, 95.040,
334.145

61, 95.040,
334.145

59, 99.547,
334.881

64, 87.584,
333.451

58, 101.125,
335.688

68, 77.594,
332.779

58, 101.271,
335.941

72, 65.673,
332.116

77, 52.455,
331.459

83, 38.491,
330.809

89, 24.207,
330.168

95, 9.909, 329.528

100, 0.705,
174.263

100, 0.633,
200.412

Harmonies

Complementary

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



61, 95.040, 334.145



88, 99.798, 140.826

Rectangle

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



61, 95.040, 334.145



61, 95.040, 24.145



61, 95.040, 154.145



61, 95.040, 204.145

Sweetspot

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



61, 95.037, 334.145



86, 32.994, 330.553



42, 111.982, 305.317



44, 22.832, 330.785



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, 95.037, 334.145



59, 101.232, 335.277



58, 75.763, 6.623



50, 8.114, 329.691



44, 82.183, 335.789



12, 38.370, 334.737

Inverse Universe

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



61, 95.037, 334.145



59, 101.232, 335.277



89, 65.118, 162.577



50, 8.114, 329.691



44, 82.183, 335.789



12, 38.370, 334.737

Previews

White Background



This preview shows how the CIELCh color 61, 95.040, 334.145 looks on a white background.

Color Contrast Check

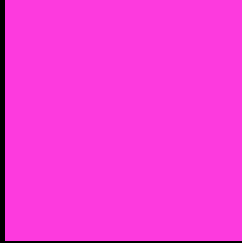
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.040, 334.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

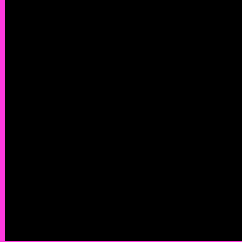
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 95.040, 334.145

Background



This preview shows how black text looks on a background with the CIELCh color 61, 95.040, 334.145.

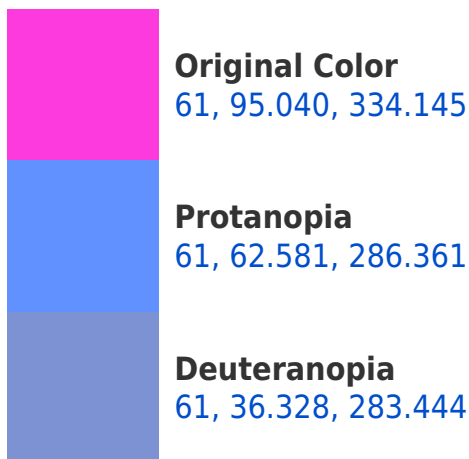


This preview shows how white text looks on a background with the CIELCh color 61, 95.040, 334.145.

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, 60.261, 23.814

Trichromacy



Original Color
61, 95.040, 334.145



Protanomaly
57, 74.415, 306.400



Deuteranomaly
58, 59.347, 313.626



Tritanomaly
60, 66.378, 359.198

Monochromacy



Original Color
61, 95.040, 334.145



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 42.508, 331.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 95.040, 334.145 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(253, 58, 222)` looks like.

```
.text, #text, p{  
    color:rgb(253, 58, 222)  
}
```

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(253, 58, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 58, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 95.040, 334.145 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(253, 58, 222) }
```

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

```
.border{ border-color:rgb(253, 58, 222) }
```

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

Here you see how a box with a 4 pixel rgb(253, 58, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 58, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 58, 222);  
box-shadow:4px 4px 4px 4px rgb(253, 58,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 95.040, 334.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 58, 222) }
```

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

```
.background{ background-color: rgb(253, 58,  
222) }
```

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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