

Converting Colors

CIELCh(61, 106.214, 330.089)

Have a look what the booklet for
CIELCh(61, 106.214, 330.089)
contains.

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Color

CIELCh(61, 106.345, 329.999)

Conversions

Conversions Part 1

Format	Color
Hex	FE2AF3
RGB	254, 42, 243
RGB Percent	100%, 16%, 95%
CMY	0.0034, 0.8343, 0.0466
CMYK	0.00, 0.83, 0.04, 0.00
HSL	303°, 99%, 58%
HSV	303°, 83%, 100%
XYZ	57.9568, 29.2481, 87.4858
YIQ	128.3020, 61.8310, 107.4550

Conversions

Conversions Part 2

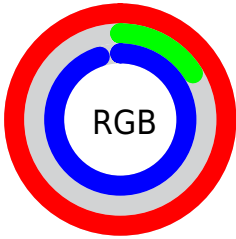
Format	Color
R _Y B	254, 42, 243
Decimal	16657139
CIE Lab	61.00, 92.10, -53.17
CIE LCh	61, 106.345, 329.999
Yxy	29.2481, 0.3318, 0.1674
Android (android.graphics.Color)	4294847219 (0xFFFE2AF3)
YUV	128.3020, 56.5461, 110.2371
Hunter-Lab	54.0815, 96.6480, -58.0543

Details

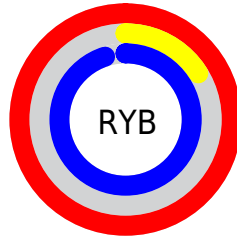
The CIELCh color $61, 106.345, 329.999$ is a light color, and the websafe version is hex FF33FF . The color can be described as light washed magenta. A complement of this color would be $88, 111.302, 137.582$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 83.151, 327.238$, and $45, 91.084, 329.732$ is the 20% darker color. If you saturate the color by 10%, you get $60, 109.677, 330.287$, and if you desaturate by 10%, it is $63, 100.006, 329.657$.

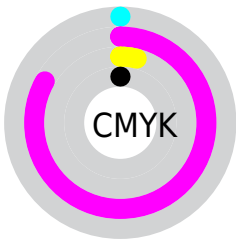
Distribution



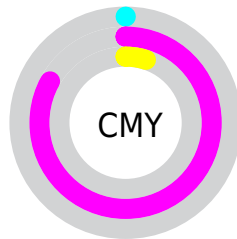
- Red (100%)
- Green (16%)
- Blue (95%)



- Red (100%)
- Yellow (16%)
- Blue (95%)



- Cyan (0%)
- Magenta (83%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (83%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 106.345, 329.999 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, 106.345, 329.999 by changing the saturation by 10% instead.


 61, 106.345,
329.999


 61, 106.345,
329.999


 100, 106.345,
329.999


 51, 106.345,
329.999


 81, 106.345,
329.999


 41, 106.345,
329.999

 91, 106.345,
329.999

 31, 106.345,
329.999

 21, 106.345,
329.999

 11, 106.345,
329.999

 1, 106.345,
329.999

 0, 106.345,

329.999

■ 61, 106.345,
329.999

■ 61, 106.345,
329.999

■ 60, 109.677,
330.287

■ 63, 100.006,
329.657

■ 59, 110.580,
330.458

■ 66, 90.797,
329.255

■ 70, 79.182,
328.796

■ 75, 65.781,
328.290

■ 80, 51.210,
327.748

■ 85, 35.999,
327.184

91, 20.553,
326.607

98, 5.160, 325.992

100, 0.299,
201.606

Harmonies

Complementary

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



61, 106.345, 329.999



88, 111.302, 137.582

Rectangle

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



61, 106.345, 329.999



61, 106.345, 19.999



61, 106.345, 149.999



61, 106.345, 199.999

Sweetspot

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



61, 106.342, 329.999



85, 38.600, 327.277



37, 121.270, 304.998



43, 26.311, 327.476



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, 106.342, 329.999



60, 110.863, 330.458



57, 80.209, 0.651



50, 8.742, 326.380



45, 89.358, 330.418



12, 41.312, 330.142

Inverse Universe

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



61, 106.342, 329.999



60, 110.863, 330.458



89, 76.384, 155.072



50, 8.742, 326.380



45, 89.358, 330.418



12, 41.312, 330.142

Previews

White Background



This preview shows how the CIE LCh color 61, 106.345, 329.999 looks on a white background.

Color Contrast Check

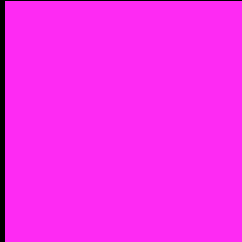
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 106.345, 329.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

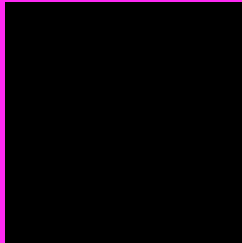
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 106.345, 329.999

Background



This preview shows how black text looks on a background with the CIELCh color 61, 106.345, 329.999.



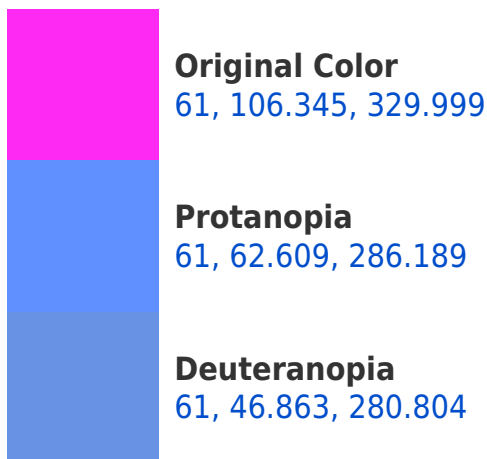
This preview shows how white text looks on a background with the CIELCh color 61, 106.345,

329.999.

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, 58.983, 23.523

Trichromacy



Original Color
61, 106.345, 329.999



Protanomaly
56, 82.189, 307.053



Deuteranomaly
56, 72.232, 308.820



Tritanomaly
60, 69.121, 354.599

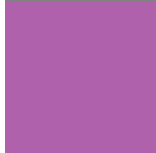
Monochromacy



Original Color
61, 106.345, 329.999



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 49.926, 328.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 106.345, 329.999 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(254, 42, 243)` looks like.

```
.text, #text, p{  
    color:rgb(254, 42, 243)  
}
```

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(254, 42, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 42, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 106.345, 329.999 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(254, 42, 243) }
```

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

```
.border{ border-color:rgb(254, 42, 243) }
```

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

Here you see how a box with a 4 pixel rgb(254, 42, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 42, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 42, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 42,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 106.345, 329.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 42, 243) }
```

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

```
.background{ background-color: rgb(254, 42,  
243) }
```

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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