

Converting Colors

CIELCh(61, 91.469, 330.643)

Have a look what the booklet for
CIELCh(61, 91.469, 330.643)
contains.

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Color

CIELCh(61, 91.432, 330.622)

Conversions

Conversions Part 1

Format	Color
Hex	F249E4
RGB	242, 73, 228
RGB Percent	95%, 29%, 89%
CMY	0.0509, 0.7136, 0.1058
CMYK	0.00, 0.70, 0.06, 0.05
HSL	305°, 87%, 62%
HSV	305°, 70%, 95%
XYZ	53.0104, 29.2481, 76.2587
YIQ	141.2010, 50.9690, 84.0330

Conversions

Conversions Part 2

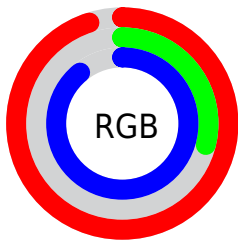
Format	Color
R _{YB}	242, 73, 228
Decimal	15878628
CIE Lab	61.00, 79.67, -44.85
CIE LCh	61, 91.432, 330.622
Yxy	29.2481, 0.3344, 0.1845
Android (android.graphics.Color)	4294068708 (0xFFFF249E4)
YUV	141.2010, 42.7919, 88.4007
Hunter-Lab	54.0815, 80.3220, -45.7459

Details

The CIELCh color **61, 91.432, 330.622** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **85, 94.037, 139.934**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 73.575, 326.930**, and **43, 85.933, 330.543** is the 20% darker color. If you saturate the color by 10%, you get **59, 98.375, 331.071**, and if you desaturate by 10%, it is **64, 81.879, 330.135**.

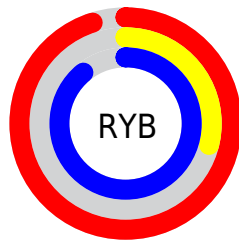
Distribution



Red (95%)

Green (29%)

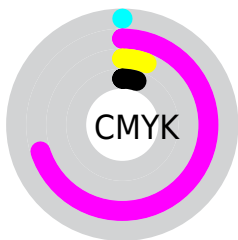
Blue (89%)



Red (95%)

Yellow (29%)

Blue (89%)

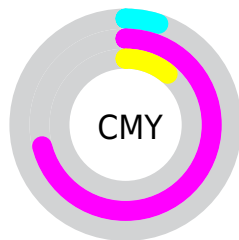


Cyan (0%)

Magenta (70%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 91.432, 330.622 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, 91.432, 330.622 by changing the saturation by 10% instead.


 61, 91.432,
330.622


 61, 91.432,
330.622


 100, 91.432,
330.622


 51, 91.432,
330.622


 81, 91.432,
330.622

 41, 91.432,
330.622

 91, 91.432,
330.622

 31, 91.432,
330.622

 21, 91.432,
330.622

 11, 91.432,
330.622

 1, 91.432, 330.622

 0, 91.432, 330.622

61, 91.432,
330.622

61, 91.432,
330.622

59, 98.375,
331.071

64, 81.879,
330.135

57, 102.438,
331.489

68, 70.253,
329.611

56, 103.958,
331.891

73, 57.161,
329.056

56, 103.977,
331.898

78, 43.167,
328.481

84, 28.727,
327.894

90, 14.182,
327.301

96, 0.237, 148.101

99, 7.235, 148.807

Harmonies

Complementary

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



61, 91.432, 330.622



85, 94.037, 139.934

Rectangle

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



61, 91.432, 330.622



61, 91.432, 20.622



61, 91.432, 150.622



61, 91.432, 200.622

Sweetspot

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



61, 91.429, 330.622



87, 31.749, 327.967



43, 98.748, 302.904



45, 21.491, 328.130



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, 91.429, 330.622



61, 104.583, 331.258



58, 69.455, 357.659



47, 8.134, 327.279



43, 84.617, 331.829



10, 37.274, 331.290

Inverse Universe

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



61, 91.429, 330.622



61, 104.583, 331.258



86, 63.798, 158.736



47, 8.134, 327.279



43, 84.617, 331.829



10, 37.274, 331.290

Previews

White Background



This preview shows how the CIELCh color 61, 91.432, 330.622 looks on a white background.

Color Contrast Check

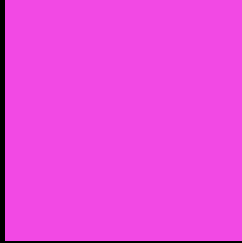
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.432, 330.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

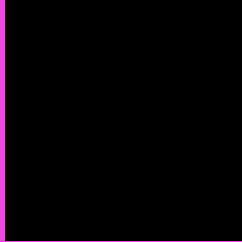
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 91.432, 330.622

Background



This preview shows how black text looks on a background with the CIELCh color 61, 91.432, 330.622.

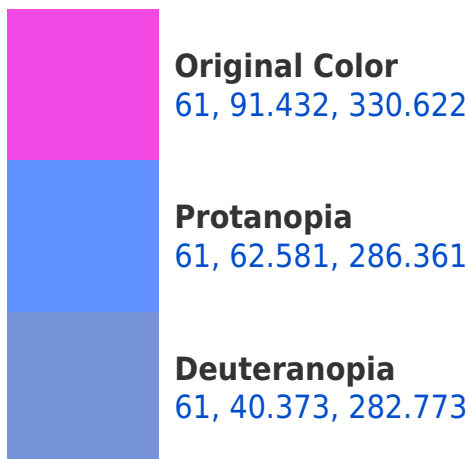


This preview shows how white text looks on a background with the CIELCh color 61, 91.432, 330.622.

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, 51.009, 20.992

Trichromacy



Original Color
61, 91.432, 330.622



Protanomaly
58, 72.368, 304.458



Deuteranomaly
58, 59.381, 309.275



Tritanomaly
60, 59.413, 354.450

Monochromacy



Original Color
61, 91.432, 330.622



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 39.228, 328.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 91.432, 330.622 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(242, 73, 228)` looks like.

```
.text, #text, p{  
    color:rgb(242, 73, 228)  
}
```

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(242, 73, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 73, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 91.432, 330.622 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(242, 73, 228) }
```

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

```
.border{ border-color:rgb(242, 73, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 73, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 73, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 73, 228);  
box-shadow:4px 4px 4px 4px rgb(242, 73,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 91.432, 330.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 73, 228) }
```

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

```
.background{ background-color: rgb(242, 73,  
228) }
```

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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