

Converting Colors

CIELCh(79, 51.672, 329.689)

Have a look what the booklet for
CIELCh(79, 51.672, 329.689)
contains.

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Color

CIELCh(79, 51.483, 329.729)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6F5
RGB	255, 166, 245
RGB Percent	100%, 65%, 96%
CMY	0.0013, 0.3502, 0.0405
CMYK	0.00, 0.35, 0.04, 0.00
HSL	307°, 99%, 82%
HSV	307°, 35%, 100%
XYZ	71.1281, 54.9284, 92.9785
YIQ	201.6170, 27.6850, 43.4370

Conversions

Conversions Part 2

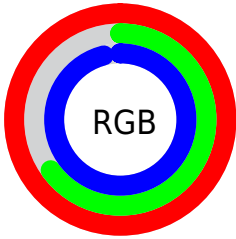
Format	Color
R _Y B	255, 166, 245
Decimal	16754421
CIE Lab	79.00, 44.46, -25.95
CIE LCh	79, 51.483, 329.729
Yxy	54.9284, 0.3247, 0.2508
Android (android.graphics.Color)	4294944501 (0xFFFFA6F5)
YUV	201.6170, 21.3878, 46.8169
Hunter-Lab	74.1137, 41.6104, -22.5020

Details

The CIELCh color **79, 51.483, 329.729** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 51.463, 144.964**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 20.651, 325.143**, and **59, 51.797, 329.579** is the 20% darker color. If you saturate the color by 10%, you get **74, 65.372, 330.328**, and if you desaturate by 10%, it is **85, 36.908, 329.123**.

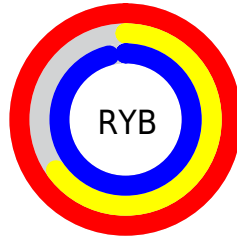
Distribution



Red (100%)

Green (65%)

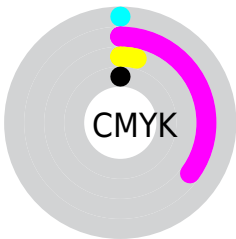
Blue (96%)



Red (100%)

Yellow (65%)

Blue (96%)

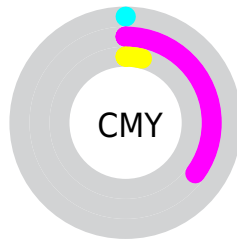


Cyan (0%)

Magenta (35%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 51.483, 329.729 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 79, 51.483, 329.729 by changing the saturation by 10% instead.


 79, 51.483,
329.729


 79, 51.483,
329.729


 100, 51.483,
329.729


 69, 51.483,
329.729


 99, 51.483,
329.729

 59, 51.483,
329.729

 49, 51.483,
329.729

 39, 51.483,
329.729

 29, 51.483,
329.729

 19, 51.483,
329.729

 9, 51.483, 329.729

0, 51.483, 329.729

79, 51.483,
329.729

79, 51.483,
329.729

74, 65.372,
330.328

85, 36.908,
329.123

69, 78.045,
330.913

91, 22.068,
328.514

65, 88.873,
331.478

97, 7.253, 327.890

62, 97.236,
332.025

100, 0.115,
205.151

60, 102.683,
332.562

59, 105.131,
333.106

■ 59,105.538,
333.388

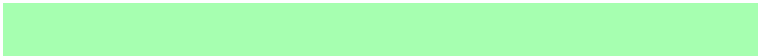
Harmonies

Complementary

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



79, 51.483, 329.729



93, 51.463, 144.964

Rectangle

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



79, 51.483, 329.729



79, 51.483, 19.729



79, 51.483, 149.729



79, 51.483, 199.729

Sweetspot

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



79, 51.480, 329.729



94, 14.752, 328.213



72, 48.663, 297.847



49, 10.073, 328.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 51.480, 329.729



75, 61.457, 330.154



78, 37.815, 353.220



50, 8.385, 328.182



44, 85.219, 333.289



12, 39.622, 332.614

Inverse Universe

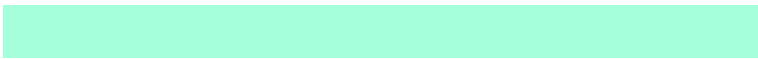
The Inverse Universe completely reimagines the original color for something new.



79, 51.480, 329.729



75, 61.457, 330.154



94, 35.270, 165.872



50, 8.385, 328.182



44, 85.219, 333.289



12, 39.622, 332.614

Previews

White Background



This preview shows how the CIELCh color 79, 51.483, 329.729 looks on a white background.

Color Contrast Check

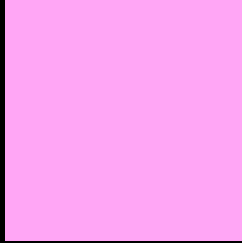
Large Text (above 18pt) WCAG AA × Fail

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 79, 51.483, 329.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

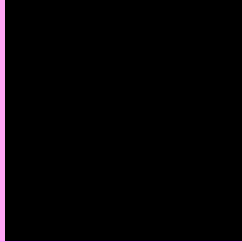
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 51.483, 329.729

Background



This preview shows how black text looks on a background with the CIELCh color 79, 51.483, 329.729.



This preview shows how white text looks on a background with the CIELCh color 79, 51.483, 329.729.

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



Original Color

79, 51.483, 329.729

Protanopia

79, 32.759, 284.817

Deuteranopia

79, 25.677, 293.190



Tritanopia
79, 27.921, 7.710

Trichromacy



Original Color
79, 51.483, 329.729



Protanomaly
79, 36.809, 305.076



Deuteranomaly
79, 34.148, 311.927

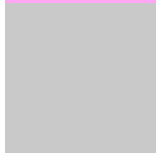


Tritanomaly
79, 34.228, 347.694

Monochromacy



Original Color
79, 51.483, 329.729



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 19.541, 328.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 51.483, 329.729 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, 166, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 245)  
}
```

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, 166, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 51.483, 329.729 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, 166, 245) }
```

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

```
.border{ border-color:rgb(255, 166, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 51.483, 329.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 245) }
```

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

```
.background{ background-color: rgb(255,  
166, 245) }
```

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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