

Converting Colors

CIELCh(80, 52.507, 335.639)

Have a look what the booklet for
CIELCh(80, 52.507, 335.639)
contains.

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Color

CIELCh(79, 50.150, 331.619)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6F1
RGB	255, 166, 241
RGB Percent	100%, 65%, 95%
CMY	0.0000, 0.3500, 0.0558
CMYK	0.00, 0.35, 0.06, 0.00
HSL	310°, 100%, 82%
HSV	310°, 35%, 100%
XYZ	70.9679, 54.9284, 89.9050
YIQ	201.1610, 28.9690, 42.1930

Conversions

Conversions Part 2

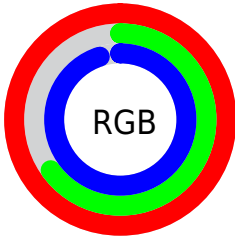
Format	Color
R_{YB}	255, 166, 241
Decimal	16754417
CIE _{Lab}	79.00, 44.12, -23.84
CIE _{LCh}	79, 50.150, 331.619
Yxy	54.9284, 0.3289, 0.2545
Android (android.graphics.Color)	4294944497 (0xFFFFA6F1)
YUV	201.1610, 19.6406, 47.2168
Hunter-Lab	74.1137, 41.2246, -20.0433

Details

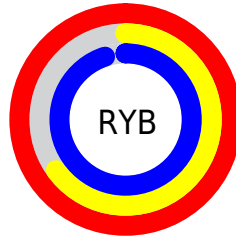
The CIELCh color **79, 50.150, 331.619** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 49.901, 146.399**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 20.651, 325.143**, and **59, 50.175, 331.179** is the 20% darker color. If you saturate the color by 10%, you get **74, 63.476, 331.996**, and if you desaturate by 10%, it is **85, 35.857, 330.691**.

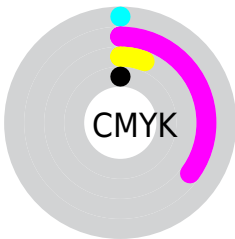
Distribution



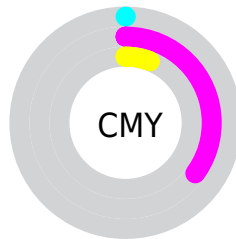
- Red (100%)
- Green (65%)
- Blue (95%)



- Red (100%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (35%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 50.150, 331.619 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, 50.150, 331.619 by changing the saturation by 10% instead.

 79, 50.150,
331.619

 79, 50.150,
331.619


 100, 50.150,
331.619


 69, 50.150,
331.619

 99, 50.150,
331.619

 59, 50.150,
331.619

 49, 50.150,
331.619

 39, 50.150,
331.619

 29, 50.150,
331.619

 19, 50.150,
331.619

 9, 50.150, 331.619

■ 0, 50.150, 331.619

■ 79, 50.150,
331.619

■ 79, 50.150,
331.619

■ 74, 63.476,
331.996

■ 85, 35.857,
330.691

■ 69, 75.770,
332.658

■ 91, 21.469,
330.051

■ 65, 86.251,
333.329

■ 97, 7.115, 329.401

■ 62, 94.289,
334.018

100, 0.012,
296.813

■ 60, 99.421,
334.745

■ 59, 101.550,
335.538

■ 58,101.797,
335.960

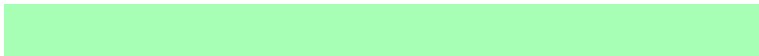
Harmonies

Complementary

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



79, 50.150, 331.619



93, 49.901, 146.399

Rectangle

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



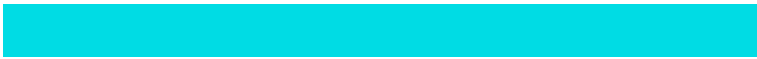
79, 50.150, 331.619



79, 50.150, 21.619



79, 50.150, 151.619



79, 50.150, 201.619

Sweetspot

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



79, 49.994, 331.339



93, 15.710, 329.796



72, 48.894, 299.443



49, 10.564, 329.882



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, 49.994, 331.339



75, 59.528, 331.798



78, 37.088, 356.571



50, 8.113, 329.700



44, 82.166, 335.804



12, 38.362, 334.750

Inverse Universe

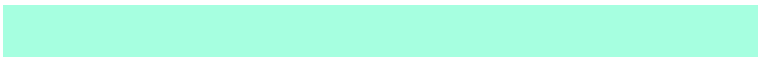
The Inverse Universe completely reimagines the original color for something new.



79, 49.994, 331.339



75, 59.528, 331.798



94, 34.011, 169.005



50, 8.113, 329.700



44, 82.166, 335.804



12, 38.362, 334.750

Previews

White Background



This preview shows how the CIELCh color 79, 50.150, 331.619 looks on a white background.

Color Contrast Check

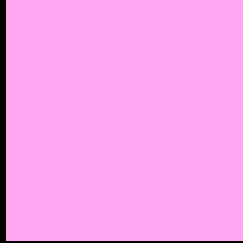
Large Text (above 18pt) WCAG AA × Fail

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, 50.150, 331.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

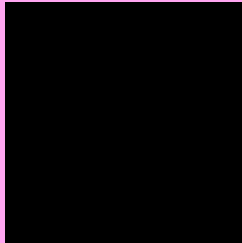
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 50.150, 331.619

Background



This preview shows how black text looks on a background with the CIELCh color 79, 50.150, 331.619.



This preview shows how white text looks on a background with the CIELCh color 79, 50.150, 331.619.

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
79, 28.706, 8.191

Trichromacy



Original Color
79, 49.927, 331.260



Protanomaly
79, 36.292, 305.231



Deuteranomaly
79, 32.402, 314.330



Tritanomaly
79, 34.608, 349.257

Monochromacy



Original Color
79, 49.927, 331.260



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 18.730, 330.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 50.150, 331.619 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 50.150, 331.619 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, 241) }
```

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

```
.border{ border-color:rgb(255, 166, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 50.150, 331.619 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
166, 241) }
```

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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