

Converting Colors

CIELCh(83, 62.826, 333.314)

Have a look what the booklet for
CIELCh(83, 62.826, 333.314)
contains.

CIELCh(79, 55.531, 326.337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 55.531, 326.337)

Conversions

Conversions Part 1

Format	Color
Hex	FEA5FE
RGB	254, 165, 254
RGB Percent	100%, 65%, 100%
CMY	0.0055, 0.3541, 0.0054
CMYK	0.00, 0.35, 0.00, 0.01
HSL	300°, 97%, 82%
HSV	300°, 35%, 99%
XYZ	71.9566, 54.9284, 100.2598
YIQ	201.7570, 24.4750, 46.5470

Conversions

Conversions Part 2

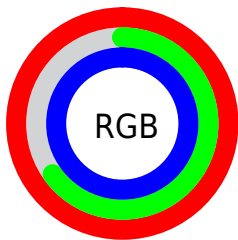
Format	Color
RYB	254, 165, 254
Decimal	16688638
CIELab	79.00, 46.22, -30.78
CIELCh	79, 55.531, 326.337
Yxy	54.9284, 0.3168, 0.2418
Android (android.graphics.Color)	4294878718 (0xFFFEA5FE)
YUV	201.7570, 25.7558, 45.8171
Hunter-Lab	74.1137, 43.6059, -28.3270

Details

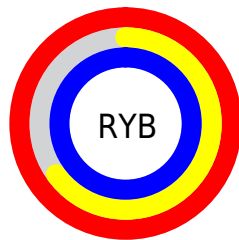
The CIELCh color **79, 55.531, 326.337** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 55.584, 141.845**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 21.281, 325.165**, and **59, 55.629, 326.397** is the 20% darker color. If you saturate the color by 10%, you get **74, 70.413, 326.830**, and if you desaturate by 10%, it is **84, 39.894, 325.807**.

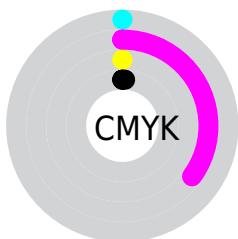
Distribution



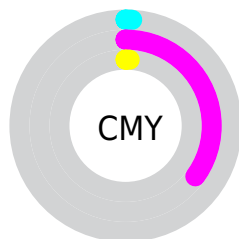
- Red (100%)
- Green (65%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (35%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 55.531, 326.337 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, 55.531, 326.337 by changing the saturation by 10% instead.


 79, 55.531,
326.337


 79, 55.531,
326.337


 100, 55.531,
326.337


 69, 55.531,
326.337


 99, 55.531,
326.337

 59, 55.531,
326.337

 49, 55.531,
326.337

 39, 55.531,
326.337

 29, 55.531,
326.337

 19, 55.531,
326.337

 9, 55.531, 326.337

■ 0, 55.531, 326.337

■ 79, 55.531,
326.337

■ 79, 55.531,
326.337

■ 74, 70.413,
326.830

■ 84, 39.894,
325.807

■ 70, 83.996,
327.268

■ 90, 23.947,
325.255

■ 66, 95.651,
327.634

■ 96, 8.004, 324.676

■ 63, 104.786,
327.914

■ 100, 0.842,
144.718

■ 61, 111.000,
328.101

■ 100, 0.840,
144.594

■ 60, 114.262,
328.198

■ 100, 0.839,
144.469

■ 60, 115.095,
328.222

100, 0.838,
144.344

100, 0.837,
144.219

100, 0.835,
144.093

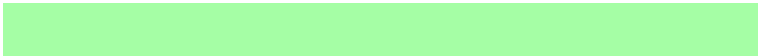
Harmonies

Complementary

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



79, 55.531, 326.337



92, 55.584, 141.845

Rectangle

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



79, 55.531, 326.337



79, 55.531, 16.337



79, 55.531, 146.337



79, 55.531, 196.337

Sweetspot

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



79, 55.528, 326.337



93, 17.536, 325.026



71, 47.739, 294.130



49, 11.790, 325.103



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, 55.528, 326.337



76, 66.258, 326.684



78, 40.279, 346.109



50, 9.056, 324.940



45, 93.084, 328.222



12, 42.823, 328.224

Inverse Universe

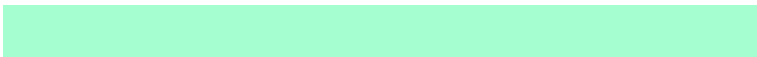
The Inverse Universe completely reimagines the original color for something new.



76, 35.601, 22.603



73, 43.866, 23.694



93, 38.732, 159.396



49, 5.254, 19.923



40, 84.218, 39.990



10, 33.365, 27.166

Previews

White Background



This preview shows how the CIELCh color 79, 55.531, 326.337 looks on a white background.

Color Contrast Check

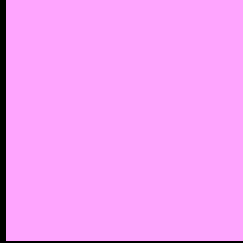
Large Text (above 18pt) WCAG AA × Fail

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, 55.531, 326.337 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, 55.531, 326.337

Background



This preview shows how black text looks on a background with the CIELCh color 79, 55.531, 326.337.

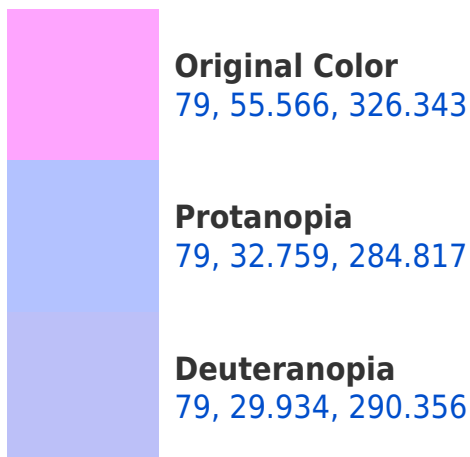



This preview shows how white text looks on a background with the CIELCh color 79, 55.531, 326.337.

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, 26.878, 5.864

Trichromacy



Original Color
79, 55.566, 326.343



Protanomaly
79, 38.917, 304.513



Deuteranomaly
79, 37.898, 308.423

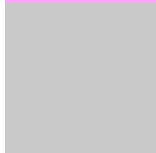


Tritanomaly
79, 34.749, 343.911

Monochromacy



Original Color
79, 55.566, 326.343



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 20.604, 325.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 55.531, 326.337 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, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 254)  
}
```

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, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 55.531, 326.337 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, 165, 254) }
```

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

```
.border{ border-color:rgb(254, 165, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 55.531, 326.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 254) }
```

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

```
.background{ background-color: rgb(254,  
165, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor