

Converting Colors

CIELCh(77, 56.595, 325.548)

Have a look what the booklet for
CIELCh(77, 56.595, 325.548)
contains.

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Color

CIELCh(77, 56.466, 325.451)

Conversions

Conversions Part 1

Format	Color
Hex	F79FFA
RGB	247, 159, 250
RGB Percent	97%, 62%, 98%
CMY	0.0310, 0.3761, 0.0192
CMYK	0.01, 0.36, 0.00, 0.02
HSL	298°, 90%, 80%
HSV	298°, 36%, 98%
XYZ	68.0814, 51.5317, 96.8866
YIQ	195.6860, 23.2370, 46.9570

Conversions

Conversions Part 2

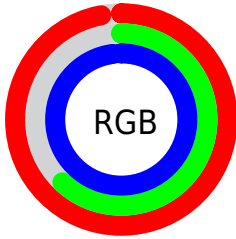
Format	Color
R_{YB}	247, 159, 250
Decimal	16228346
CIE _{Lab}	77.00, 46.51, -32.02
CIE _{LCh}	77, 56.466, 325.451
Yxy	51.5317, 0.3145, 0.2380
Android (android.graphics.Color)	4294418426 (0xFFFF79FFA)
YUV	195.6860, 26.7768, 45.0024
Hunter-Lab	71.7856, 43.6643, -29.7718

Details

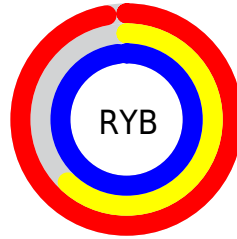
The CIELCh color **77, 56.466, 325.451** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 56.406, 140.983**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **90, 25.059, 325.297**, and **57, 56.577, 325.473** is the 20% darker color. If you saturate the color by 10%, you get **72, 71.034, 325.913**, and if you desaturate by 10%, it is **82, 41.149, 324.948**.

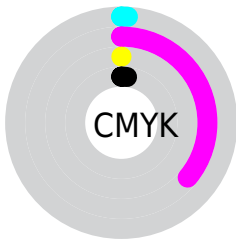
Distribution



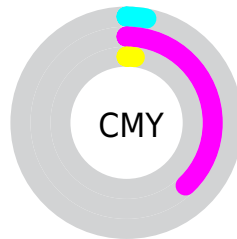
- Red (97%)
- Green (62%)
- Blue (98%)



- Red (97%)
- Yellow (62%)
- Blue (98%)



- Cyan (1%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)





- Cyan (3%)
- Magenta (38%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 56.466, 325.451 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 77, 56.466, 325.451 by changing the saturation by 10% instead.


 77, 56.466,
325.451


 77, 56.466,
325.451


 100, 56.466,
325.451


 67, 56.466,
325.451


 97, 56.466,
325.451

 57, 56.466,
325.451

 47, 56.466,
325.451

 37, 56.466,
325.451

 27, 56.466,
325.451

 17, 56.466,
325.451

 7, 56.466, 325.451

■ 0, 56.466, 325.451

■ 77, 56.466,
325.451

■ 77, 56.466,
325.451

■ 72, 71.034,
325.913

■ 82, 41.149,
324.948

■ 68, 84.310,
326.313

■ 88, 25.522,
324.419

■ 64, 95.668,
326.630

■ 94, 9.892, 323.870

■ 61, 104.511,
326.845

■ 100, 2.969,
142.802

■ 59, 110.436,
326.946

■ 100, 2.819,
137.933

■ 58, 113.429,
326.933

■ 100, 2.692,
132.552

■ 58,114.064,
326.911

■ 100, 2.591,
126.686

■ 100, 2.519,
120.406

■ 100, 2.479,
113.832

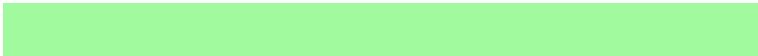
Harmonies

Complementary

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



77, 56.466, 325.451



91, 56.406, 140.983

Rectangle

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



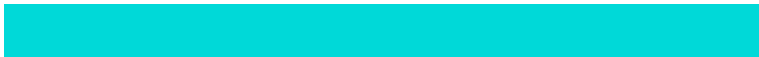
77, 56.466, 325.451



77, 56.466, 15.451



77, 56.466, 145.451



77, 56.466, 195.451

Sweetspot

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



77, 56.463, 325.451



93, 17.360, 324.128



70, 48.229, 293.717



49, 11.673, 324.202



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 56.463, 325.451



74, 68.719, 325.810



76, 41.731, 345.322



49, 8.817, 324.045



44, 92.301, 326.934



11, 41.751, 327.096

Inverse Universe

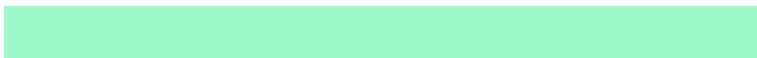
The Inverse Universe completely reimagines the original color for something new.



75, 36.459, 20.347



72, 45.846, 21.658



92, 40.226, 158.410



49, 5.167, 17.275



39, 81.944, 38.708



9, 31.956, 24.822

Previews

White Background



This preview shows how the CIELCh color 77, 56.466, 325.451 looks on a white background.

Color Contrast Check

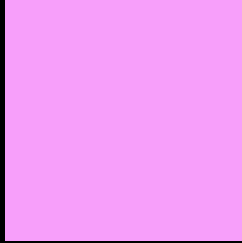
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 56.466, 325.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

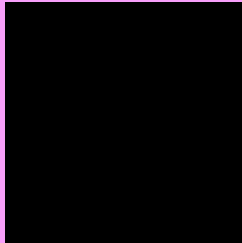
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 56.466, 325.451

Background



This preview shows how black text looks on a background with the CIELCh color 77, 56.466, 325.451.



This preview shows how white text looks on a background with the CIELCh color 77, 56.466, 325.451.

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


77, 56.466, 325.451

Protanopia

77, 36.167, 285.108

Deuteranopia

77, 31.179, 288.871



Tritanopia
77, 26.640, 5.667

Trichromacy



Original Color
77, 56.466, 325.451



Protanomaly
76, 41.693, 303.517



Deuteranomaly
77, 38.872, 306.626



Tritanomaly
77, 35.207, 343.274

Monochromacy



Original Color
77, 56.466, 325.451



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 21.134, 324.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 56.466, 325.451 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(247, 159, 250)` looks like.

```
.text, #text, p{  
    color:rgb(247, 159, 250)  
}
```

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(247, 159, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 159, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 56.466, 325.451 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(247, 159, 250) }
```

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

```
.border{ border-color:rgb(247, 159, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 159, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 159, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 159, 250);  
box-shadow:4px 4px 4px 4px rgb(247, 159,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 56.466, 325.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 159, 250) }
```

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

```
.background{ background-color: rgb(247,  
159, 250) }
```

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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