

Converting Colors

CIELCh(81, 101.069, 309.882)

Have a look what the booklet for
CIELCh(81, 101.069, 309.882)
contains.

CIELCh(77, 57.197, 322.074)	3
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Color

CIELCh(77, 57.197, 322.074)

Conversions

Conversions Part 1

Format	Color
Hex	F2A1FF
RGB	242, 161, 255
RGB Percent	95%, 63%, 100%
CMY	0.0516, 0.3695, 0.0000
CMYK	0.05, 0.37, 0.00, 0.00
HSL	292°, 100%, 82%
HSV	292°, 37%, 100%
XYZ	67.4486, 51.5317, 101.6984
YIQ	195.9350, 18.1020, 46.4060

Conversions

Conversions Part 2

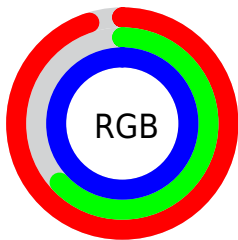
Format	Color
R _Y B	242, 161, 255
Decimal	15901183
CIE Lab	77.00, 45.12, -35.16
CIE LCh	77, 57.197, 322.074
Yxy	51.5317, 0.3056, 0.2335
Android (android.graphics.Color)	4294091263 (0xFFF2A1FF)
YUV	195.9350, 29.1190, 40.3990
Hunter-Lab	71.7856, 42.0908, -33.7460

Details

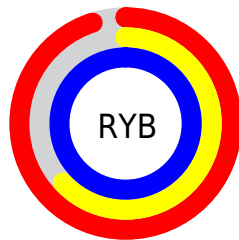
The CIELCh color $77, 57.197, 322.074$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $93, 56.257, 138.344$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $57, 56.412, 322.129$ is the 20% darker color. If you saturate the color by 10%, you get $71, 71.559, 322.695$, and if you desaturate by 10%, it is $83, 41.517, 321.843$.

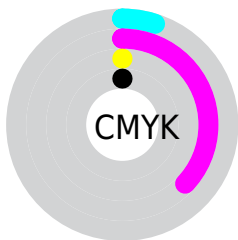
Distribution



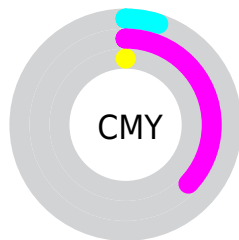
- Red (95%)
- Green (63%)
- Blue (100%)



- Red (95%)
- Yellow (63%)
- Blue (100%)



- Cyan (5%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (37%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 57.197, 322.074 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, 57.197, 322.074 by changing the saturation by 10% instead.


 77, 57.197,
322.074


 77, 57.197,
322.074


 100, 57.197,
322.074


 67, 57.197,
322.074


 97, 57.197,
322.074

 57, 57.197,
322.074

 47, 57.197,
322.074

 37, 57.197,
322.074

 27, 57.197,
322.074

 17, 57.197,
322.074

 7, 57.197, 322.074

■ 0, 57.197, 322.074

■ 77, 57.197,
322.074

■ 77, 57.197,
322.074

■ 71, 71.559,
322.695

■ 83, 41.517,
321.843

■ 66, 85.180,
323.021

■ 89, 26.015,
321.370

■ 62, 97.040,
323.237

■ 95, 10.590,
320.881

■ 59, 106.459,
323.305

100, 0.012,
296.813

■ 56, 112.898,
323.193

■ 55, 116.226,
322.886

■ 54, 116.876,
322.770

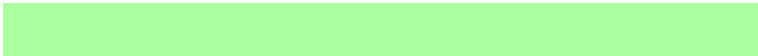
Harmonies

Complementary

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



77, 57.197, 322.074



93, 56.257, 138.344

Rectangle

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



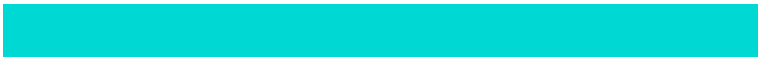
77, 57.197, 322.074



77, 57.197, 12.074



77, 57.197, 142.074



77, 57.197, 192.074

Sweetspot

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



77, 56.828, 322.292



93, 16.817, 321.082



73, 43.523, 288.667



49, 11.311, 321.148



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, 56.828, 322.292



73, 67.304, 322.583



77, 46.322, 339.353



50, 8.682, 321.009



41, 94.110, 322.860



10, 43.213, 323.483

Inverse Universe

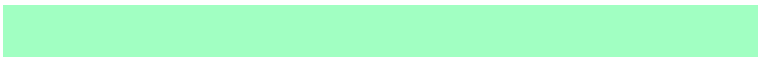
The Inverse Universe completely reimagines the original color for something new.



76, 37.388, 12.321



72, 45.167, 13.625



93, 45.533, 153.076



50, 5.333, 8.733



40, 78.002, 33.720



10, 32.342, 21.451

Previews

White Background



This preview shows how the CIELCh color 77, 57.197, 322.074 looks on a white background.

Color Contrast Check

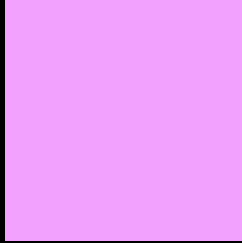
Large Text (above 18pt) WCAG AA × Fail

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 77, 57.197, 322.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

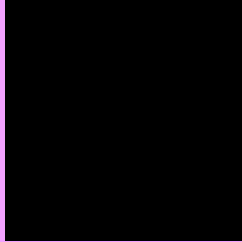
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 57.197, 322.074

Background



This preview shows how black text looks on a background with the CIELCh color 77, 57.197, 322.074.



This preview shows how white text looks on a background with the CIELCh color 77, 57.197, 322.074.

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
77, 23.109, 4.097

Trichromacy



Original Color
77, 56.716, 322.333



Protanomaly
77, 41.997, 301.665



Deuteranomaly
77, 41.223, 304.071

Tritanomaly
77, 32.721, 339.166

Monochromacy



Original Color
77, 56.716, 322.333



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 21.212, 321.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 57.197, 322.074 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, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 255)  
}
```

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, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 57.197, 322.074 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, 161, 255) }
```

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

```
.border{ border-color:rgb(242, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 57.197, 322.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 255) }
```

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

```
.background{ background-color: rgb(242,  
161, 255) }
```

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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