

Converting Colors

CIELCh(77, 56.207, 321.035)

Have a look what the booklet for
CIELCh(77, 56.207, 321.035)
contains.

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Color

CIELCh(77, 55.719, 321.289)

Conversions

Conversions Part 1

Format	Color
Hex	EFA2FF
RGB	239, 162, 255
RGB Percent	94%, 64%, 100%
CMY	0.0619, 0.3639, 0.0000
CMYK	0.06, 0.36, 0.00, 0.00
HSL	290°, 100%, 82%
HSV	290°, 36%, 100%
XYZ	66.7076, 51.5317, 101.2162
YIQ	195.6250, 16.0390, 45.2470

Conversions

Conversions Part 2

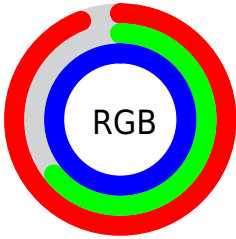
Format	Color
R _Y B	239, 162, 255
Decimal	15704831
CIE Lab	77.00, 43.48, -34.85
CIE LCh	77, 55.719, 321.289
Yxy	51.5317, 0.3040, 0.2348
Android (android.graphics.Color)	4293894911 (0xFFEFA2FF)
YUV	195.6250, 29.2719, 38.0399
Hunter-Lab	71.7856, 40.2483, -33.3477

Details

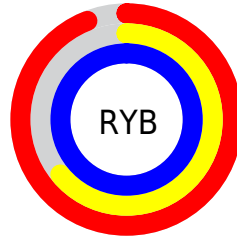
The CIELCh color **77, 55.719, 321.289** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 54.903, 137.595**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 23.170, 325.231**, and **57, 55.575, 321.365** is the 20% darker color. If you saturate the color by 10%, you get **71, 70.398, 321.741**, and if you desaturate by 10%, it is **83, 40.347, 320.903**.

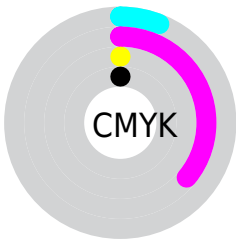
Distribution



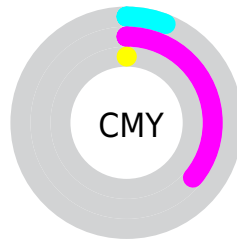
- Red (94%)
- Green (64%)
- Blue (100%)



- Red (94%)
- Yellow (64%)
- Blue (100%)



- Cyan (6%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 55.719, 321.289 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, 55.719, 321.289 by changing the saturation by 10% instead.

 77, 55.719,
321.289

 77, 55.719,
321.289

 100, 55.719,
321.289

 67, 55.719,
321.289

 97, 55.719,
321.289

 57, 55.719,
321.289

 47, 55.719,
321.289

 37, 55.719,
321.289

 27, 55.719,
321.289

 17, 55.719,
321.289

 7, 55.719, 321.289

■ 0, 55.719, 321.289

■ 77, 55.719,
321.289

■ 77, 55.719,
321.289

■ 71, 70.398,
321.741

■ 83, 40.347,
320.903

■ 66, 84.167,
322.062

■ 89, 24.941,
320.439

■ 62, 96.285,
322.269

■ 96, 9.650, 319.962

■ 58, 106.048,
322.319

100, 0.012,
296.813

■ 55, 112.865,
322.175

■ 54, 116.515,
321.811

■ 53,117.333,
321.646

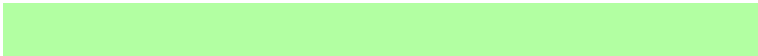
Harmonies

Complementary

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



77, 55.719, 321.289



93, 54.903, 137.595

Rectangle

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



77, 55.719, 321.289



77, 55.719, 11.289



77, 55.719, 141.289



77, 55.719, 191.289

Sweetspot

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



77, 55.622, 321.344



93, 16.672, 320.185



74, 41.127, 286.826



49, 11.214, 320.249



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, 55.622, 321.344



73, 66.935, 321.652



78, 46.660, 337.756



50, 8.606, 320.113



40, 94.468, 321.753



10, 43.346, 322.496

Inverse Universe

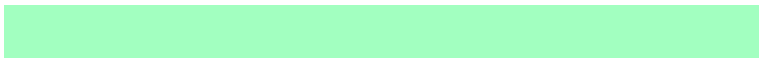
The Inverse Universe completely reimagines the original color for something new.



76, 36.850, 9.914



72, 45.159, 11.316



93, 46.053, 151.796



50, 5.377, 6.370



40, 76.448, 31.744



10, 32.161, 20.152

Previews

White Background



This preview shows how the CIELCh color 77, 55.719, 321.289 looks on a white background.

Color Contrast Check

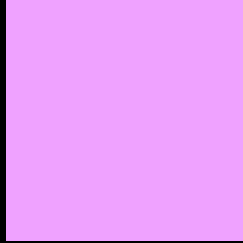
Large Text (above 18pt) WCAG AA × Fail

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, 55.719, 321.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

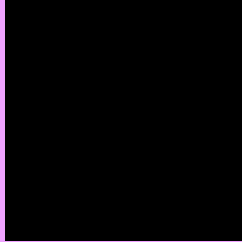
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 55.719, 321.289

Background



This preview shows how black text looks on a background with the CIELCh color 77, 55.719, 321.289.

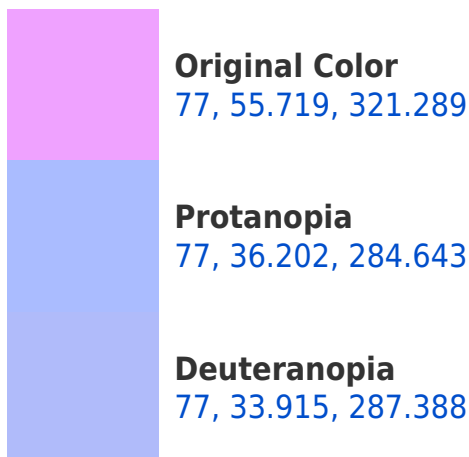


This preview shows how white text looks on a background with the CIELCh color 77, 55.719, 321.289.

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, 21.613, 2.682

Trichromacy



Original Color
77, 55.719, 321.289



Protanomaly
77, 41.352, 300.849



Deuteranomaly
77, 40.557, 303.268



Tritanomaly
77, 31.681, 337.178

Monochromacy



Original Color
77, 55.719, 321.289



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 20.387, 320.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 55.719, 321.289 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(239, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 162, 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(239, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 162, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 55.719, 321.289 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(239, 162, 255) }
```

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

```
.border{ border-color:rgb(239, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 162,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 55.719, 321.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 162, 255) }
```

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

```
.background{ background-color: rgb(239,  
162, 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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