

Converting Colors

CIELCh(77, 57.889, 330.229)

Have a look what the booklet for
CIELCh(77, 57.889, 330.229)
contains.

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Color

CIELCh(77, 57.687, 329.910)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BF5
RGB	255, 155, 245
RGB Percent	100%, 61%, 96%
CMY	0.0000, 0.3902, 0.0411
CMYK	0.00, 0.39, 0.04, 0.00
HSL	306°, 100%, 80%
HSV	306°, 39%, 100%
XYZ	69.6479, 51.5317, 92.2769
YIQ	195.1600, 30.7100, 49.1900

Conversions

Conversions Part 2

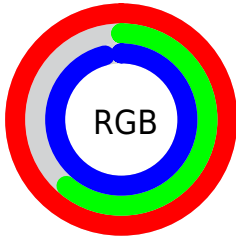
Format	Color
RYB	255, 155, 245
Decimal	16751605
CIELab	77.00, 49.91, -28.92
CIElCh	77, 57.687, 329.910
Yxy	51.5317, 0.3263, 0.2414
Android (android.graphics.Color)	4294941685 (0xFFFF9BF5)
YUV	195.1600, 24.5711, 52.4797
Hunter-Lab	71.7856, 47.5596, -25.9645

Details

The CIELCh color **77, 57.687, 329.910** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 57.650, 144.340**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **89, 27.578, 325.385**, and **57, 57.929, 329.879** is the 20% darker color. If you saturate the color by 10%, you get **72, 71.135, 330.329**, and if you desaturate by 10%, it is **82, 43.161, 329.146**.

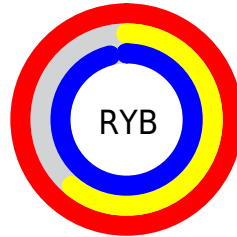
Distribution



Red (100%)

Green (61%)

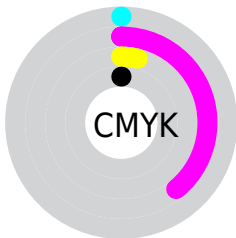
Blue (96%)



Red (100%)

Yellow (61%)

Blue (96%)

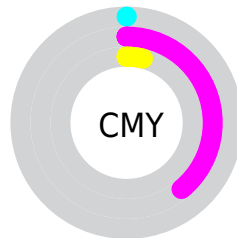


Cyan (0%)

Magenta (39%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 57.687, 329.910 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, 57.687, 329.910 by changing the saturation by 10% instead.


 77, 57.687,
329.910

 77, 57.687,
329.910


 100, 57.687,
329.910


 67, 57.687,
329.910


 97, 57.687,
329.910

 57, 57.687,
329.910

 47, 57.687,
329.910

 37, 57.687,
329.910

 27, 57.687,
329.910

 17, 57.687,
329.910

 7, 57.687, 329.910

■ 0, 57.687, 329.910

■ 77, 57.687,
329.910

■ 77, 57.687,
329.910

■ 72, 71.135,
330.329

■ 82, 43.161,
329.146

■ 68, 83.201,
330.895

■ 88, 28.304,
328.543

■ 64, 93.152,
331.436

■ 94, 13.363,
327.936

■ 61, 100.416,
331.956

100, 0.012,
296.813

■ 60, 104.672,
332.464

■ 59, 106.149,
332.979

■ 59,106.230,
333.030

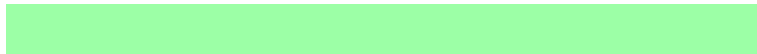
Harmonies

Complementary

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



77, 57.687, 329.910



92, 57.650, 144.340

Rectangle

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



77, 57.687, 329.910



77, 57.687, 19.910



77, 57.687, 149.910



77, 57.687, 199.910

Sweetspot

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



77, 57.594, 329.744



92, 17.809, 328.118



69, 54.866, 298.422



48, 11.820, 328.198



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, 57.594, 329.744



73, 68.499, 330.213



75, 42.322, 353.812



50, 8.426, 327.966



44, 85.685, 332.938



12, 39.813, 332.313

Inverse Universe

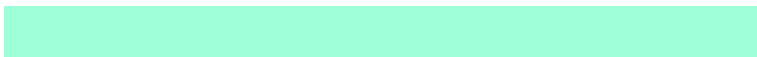
The Inverse Universe completely reimagines the original color for something new.



77, 57.594, 329.744



73, 68.499, 330.213



93, 39.167, 165.367



50, 8.426, 327.966



44, 85.685, 332.938



12, 39.813, 332.313

Previews

White Background



This preview shows how the CIELCh color 77, 57.687, 329.910 looks on a white background.

Color Contrast Check

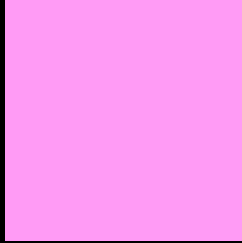
Large Text (above 18pt) WCAG AA × Fail

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, 57.687, 329.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

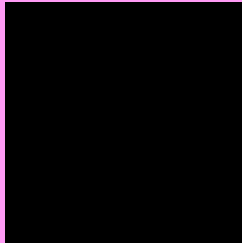
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 57.687, 329.910

Background



This preview shows how black text looks on a background with the CIELCh color 77, 57.687, 329.910.

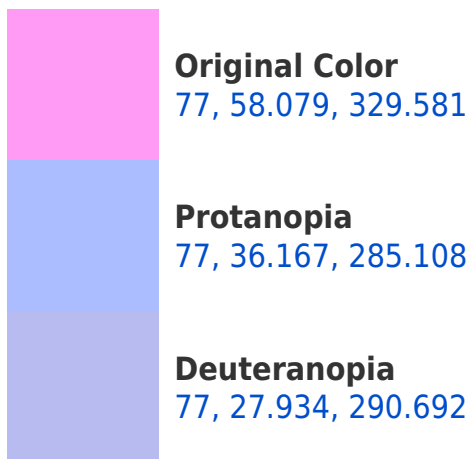


This preview shows how white text looks on a background with the CIELCh color 77, 57.687, 329.910.

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, 30.778, 10.372

Trichromacy



Original Color
77, 58.079, 329.581



Protanomaly
76, 41.433, 305.423



Deuteranomaly
77, 36.939, 311.144



Tritanomaly
77, 37.928, 349.050

Monochromacy



Original Color
77, 58.079, 329.581



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 21.556, 328.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 57.687, 329.910 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, 155, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 245)  
}
```

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, 155, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 57.687, 329.910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

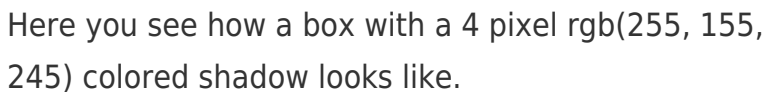
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 155, 245) }
```

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

```
.border{ border-color:rgb(255, 155, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 155, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 245); box-shadow:4px 4px 4px 4px rgb(255, 155, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 57.687, 329.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 245) }
```

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

```
.background{ background-color: rgb(255,  
155, 245) }
```

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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