

Converting Colors

CIELCh(77, 57.493, 328.924)

Have a look what the booklet for
CIELCh(77, 57.493, 328.924)
contains.

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Color

CIELCh(77, 57.716, 328.952)

Conversions

Conversions Part 1

Format	Color
Hex	FE9CF6
RGB	254, 156, 246
RGB Percent	100%, 61%, 96%
CMY	0.0037, 0.3880, 0.0351
CMYK	0.00, 0.39, 0.03, 0.00
HSL	305°, 98%, 80%
HSV	305°, 39%, 100%
XYZ	69.4323, 51.5317, 93.5190
YIQ	195.5620, 29.5180, 48.7660

Conversions

Conversions Part 2

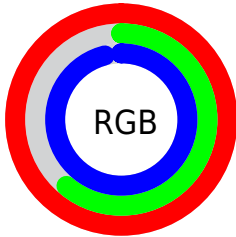
Format	Color
RYB	254, 156, 246
Decimal	16686326
CIELab	77.00, 49.45, -29.77
CIELCh	77, 57.716, 328.952
Yxy	51.5317, 0.3237, 0.2403
Android (android.graphics.Color)	4294876406 (0xFFFE9CF6)
YUV	195.5620, 24.8659, 51.2501
Hunter-Lab	71.7856, 47.0235, -26.9904

Details

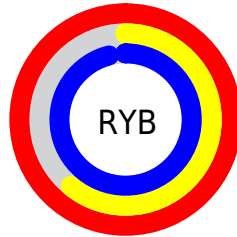
The CIELCh color $77, 57.716, 328.952$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $92, 57.789, 143.705$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $90, 26.948, 325.363$, and $57, 57.609, 329.203$ is the 20% darker color. If you saturate the color by 10%, you get $72, 71.476, 329.510$, and if you desaturate by 10%, it is $82, 43.069, 328.375$.

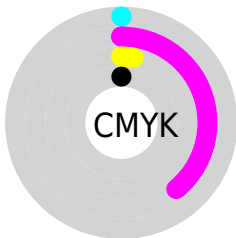
Distribution



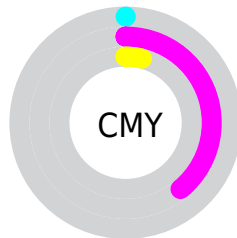
- Red (100%)
- Green (61%)
- Blue (96%)



- Red (100%)
- Yellow (61%)
- Blue (96%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 57.716, 328.952 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, 57.716, 328.952 by changing the saturation by 10% instead.


 77, 57.716,
328.952


 77, 57.716,
328.952


 100, 57.716,
328.952


 67, 57.716,
328.952


 97, 57.716,
328.952


 57, 57.716,
328.952

 47, 57.716,
328.952

 37, 57.716,
328.952

 27, 57.716,
328.952

 17, 57.716,
328.952

 7, 57.716, 328.952

■ 0, 57.716, 328.952

■ 77, 57.716,
328.952

■ 77, 57.716,
328.952

■ 72, 71.476,
329.510

■ 82, 43.069,
328.375

■ 68, 83.780,
330.037

■ 88, 28.008,
327.787

■ 64, 93.987,
330.527

■ 94, 12.871,
327.190

■ 62, 101.528,
330.978

100, 0.460,
155.685

■ 60, 106.075,
331.395

100, 0.328,
201.405

■ 59, 107.813,
331.793

■ 59,107.957,
331.850

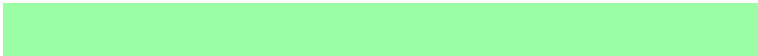
Harmonies

Complementary

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



77, 57.716, 328.952



92, 57.789, 143.705

Rectangle

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



77, 57.716, 328.952



77, 57.716, 18.952



77, 57.716, 148.952



77, 57.716, 198.952

Sweetspot

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



77, 57.713, 328.952



93, 18.103, 327.397



69, 53.993, 297.348



48, 12.016, 327.474



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, 57.713, 328.952



74, 68.252, 329.369



75, 42.381, 351.586



50, 8.565, 327.247



45, 87.294, 331.783



12, 40.471, 331.322

Inverse Universe

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



77, 57.713, 328.952



74, 68.252, 329.369



93, 39.696, 163.460



50, 8.565, 327.247



45, 87.294, 331.783



12, 40.471, 331.322

Previews

White Background



This preview shows how the CIELCh color 77, 57.716, 328.952 looks on a white background.

Color Contrast Check

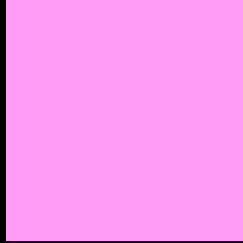
Large Text (above 18pt) WCAG AA × Fail

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, 57.716, 328.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

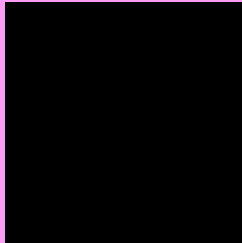
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 57.716, 328.952

Background



This preview shows how black text looks on a background with the CIELCh color 77, 57.716, 328.952.

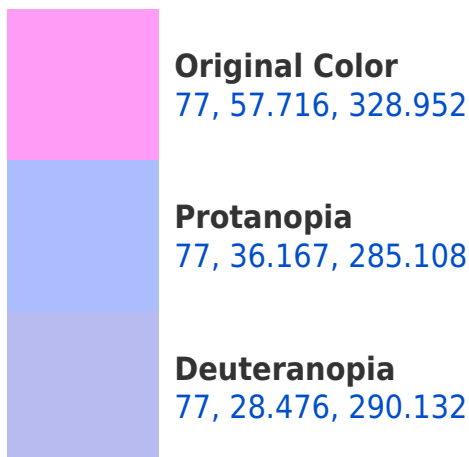


This preview shows how white text looks on a background with the CIELCh color 77, 57.716, 328.952.

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, 30.442, 9.186

Trichromacy



Original Color
77, 57.716, 328.952



Protanomaly
76, 41.894, 304.850



Deuteranomaly
77, 37.348, 310.393



Tritanomaly
77, 37.878, 347.985

Monochromacy



Original Color
77, 57.716, 328.952



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 21.973, 327.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 57.716, 328.952 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, 156, 246)` looks like.

```
.text, #text, p{  
    color:rgb(254, 156, 246)  
}
```

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, 156, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 156, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 57.716, 328.952 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, 156, 246) }
```

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

```
.border{ border-color:rgb(254, 156, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 156, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 156, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 156, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 156,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 57.716, 328.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 156, 246) }
```

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

```
.background{ background-color: rgb(254,  
156, 246) }
```

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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