

Converting Colors

CIELCh(77, 53.929, 326.328)

Have a look what the booklet for
CIELCh(77, 53.929, 326.328)
contains.

CIELCh(77, 54.026, 326.336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 54.026, 326.336)

Conversions

Conversions Part 1

Format	Color
Hex	F6A0F6
RGB	246, 160, 246
RGB Percent	96%, 63%, 96%
CMY	0.0343, 0.3716, 0.0343
CMYK	0.00, 0.35, 0.00, 0.03
HSL	300°, 83%, 80%
HSV	300°, 35%, 97%
XYZ	67.3799, 51.5317, 93.7855
YIQ	195.5180, 23.6500, 44.9780

Conversions

Conversions Part 2

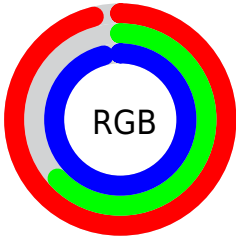
Format	Color
R _Y B	246, 160, 246
Decimal	16163062
CIE Lab	77.00, 44.97, -29.95
CIE LCh	77, 54.026, 326.336
Yxy	51.5317, 0.3168, 0.2423
Android (android.graphics.Color)	4294353142 (0xFFFF6A0F6)
YUV	195.5180, 24.8876, 44.2727
Hunter-Lab	71.7856, 41.9201, -27.2105

Details

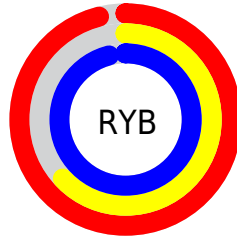
The CIELCh color $77, 54.026, 326.336$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $90, 54.077, 141.870$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $57, 54.088, 326.391$ is the 20% darker color. If you saturate the color by 10%, you get $72, 68.576, 326.829$, and if you desaturate by 10%, it is $82, 38.749, 325.807$.

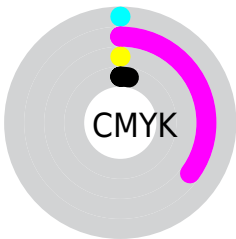
Distribution



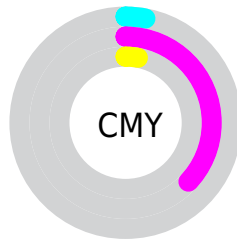
- Red (96%)
- Green (63%)
- Blue (96%)



- Red (96%)
- Yellow (63%)
- Blue (96%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 54.026, 326.336 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, 54.026, 326.336 by changing the saturation by 10% instead.

 77, 54.026,
326.336

 77, 54.026,
326.336


 100, 54.026,
326.336

 67, 54.026,
326.336


 97, 54.026,
326.336

 57, 54.026,
326.336

 47, 54.026,
326.336

 37, 54.026,
326.336

 27, 54.026,
326.336

 17, 54.026,
326.336

 7, 54.026, 326.336

■ 0, 54.026, 326.336

■ 77, 54.026,
326.336

■ 77, 54.026,
326.336

■ 72, 68.576,
326.829

■ 82, 38.749,
325.807

■ 68, 81.869,
327.268

■ 88, 23.176,
325.254

■ 64, 93.297,
327.636

■ 94, 7.611, 324.675

■ 99, 5.424, 144.307

■ 61, 102.280,
327.918

■ 99, 5.423, 144.310

■ 60, 108.422,
328.108

■ 99, 5.423, 144.314

■ 59, 111.681,
328.208

■ 99, 5.422, 144.317

■ 58, 112.548,
328.234

■ 99, 5.422, 144.321
■ 99, 5.421, 144.324

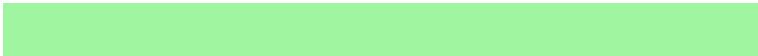
Harmonies

Complementary

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



77, 54.026, 326.336



90, 54.077, 141.870

Rectangle

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



77, 54.026, 326.336



77, 54.026, 16.336



77, 54.026, 146.336



77, 54.026, 196.336

Sweetspot

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



77, 54.023, 326.336



94, 15.934, 324.977



69, 47.265, 294.719



49, 10.879, 325.057



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, 54.023, 326.336



76, 66.259, 326.693



76, 38.801, 347.045



48, 8.758, 324.946



44, 91.225, 328.234



11, 40.560, 328.234

Inverse Universe

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



77, 54.023, 326.336



76, 66.259, 326.693



91, 37.180, 160.272



48, 8.758, 324.946



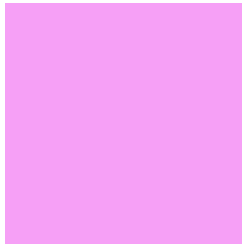
44, 91.225, 328.234



11, 40.560, 328.234

Previews

White Background



This preview shows how the CIELCh color 77, 54.026, 326.336 looks on a white background.

Color Contrast Check

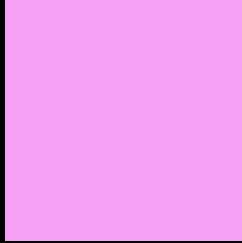
Large Text (above 18pt) WCAG AA × Fail

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, 54.026, 326.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

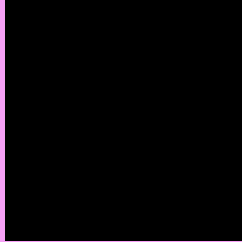
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 54.026, 326.336

Background



This preview shows how black text looks on a background with the CIELCh color 77, 54.026, 326.336.

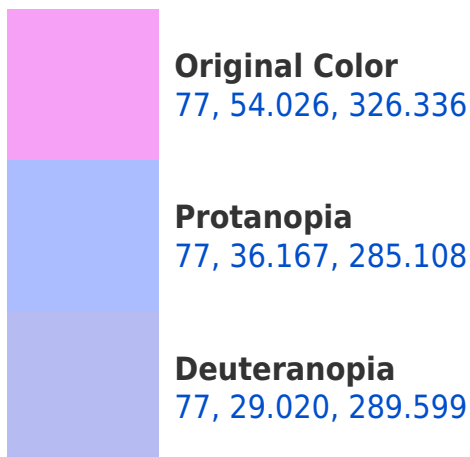


This preview shows how white text looks on a background with the CIELCh color 77, 54.026, 326.336.

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, 25.771, 6.237

Trichromacy



Original Color
77, 54.026, 326.336



Protanomaly
77, 40.508, 302.813



Deuteranomaly
77, 36.888, 307.848



Tritanomaly
77, 34.034, 343.842

Monochromacy



Original Color
77, 54.026, 326.336



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 20.064, 325.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 54.026, 326.336 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(246, 160, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 160, 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(246, 160, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 160, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 54.026, 326.336 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(246, 160, 246) }
```

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

```
.border{ border-color:rgb(246, 160, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 160, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 160, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 160, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 160,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 54.026, 326.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 160, 246) }
```

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

```
.background{ background-color: rgb(246,  
160, 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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