

Converting Colors

CIELCh(77, 61.024, 328.189)

Have a look what the booklet for
CIELCh(77, 61.024, 328.189)
contains.

CIELCh(77, 61.065, 327.718)	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, 61.065, 327.718)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AFB
RGB	255, 154, 251
RGB Percent	100%, 60%, 98%
CMY	0.0000, 0.3948, 0.0143
CMYK	0.00, 0.39, 0.01, 0.00
HSL	302°, 100%, 80%
HSV	302°, 39%, 100%
XYZ	70.4450, 51.5317, 97.7832
YIQ	195.2570, 29.0590, 51.5790

Conversions

Conversions Part 2

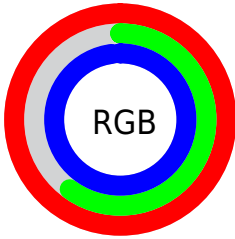
Format	Color
R _Y B	255, 154, 251
Decimal	16751355
CIE _{Lab}	77.00, 51.63, -32.61
CIE _{LCh}	77, 61.065, 327.718
Y _{xy}	51.5317, 0.3206, 0.2345
Android (android.graphics.Color)	4294941435 (0xFFFF9AFB)
Y _{UV}	195.2570, 27.4813, 52.3946
Hunter-Lab	71.7856, 49.5417, -30.5123

Details

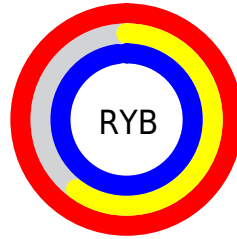
The CIELCh color **77, 61.065, 327.718** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 61.134, 142.364**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **57, 60.978, 327.907** is the 20% darker color. If you saturate the color by 10%, you get **72, 75.116, 328.119**, and if you desaturate by 10%, it is **82, 45.938, 327.073**.

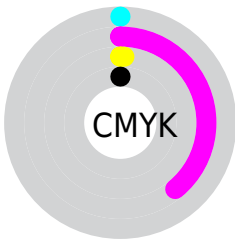
Distribution



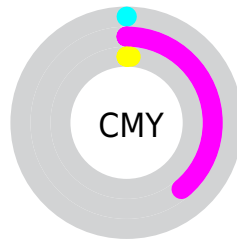
- Red (100%)
- Green (60%)
- Blue (98%)



- Red (100%)
- Yellow (60%)
- Blue (98%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 61.065, 327.718 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, 61.065, 327.718 by changing the saturation by 10% instead.


 77, 61.065,
327.718


 77, 61.065,
327.718


 100, 61.065,
327.718


 67, 61.065,
327.718


 97, 61.065,
327.718

 57, 61.065,
327.718

 47, 61.065,
327.718

 37, 61.065,
327.718

 27, 61.065,
327.718

 17, 61.065,
327.718

 7, 61.065, 327.718

■ 0, 61.065, 327.718

■ 77, 61.065,
327.718

■ 77, 61.065,
327.718

■ 72, 75.116,
328.119

■ 82, 45.938,
327.073

■ 68, 87.668,
328.576

■ 88, 30.392,
326.512

■ 65, 98.029,
328.970

■ 94, 14.731,
325.936

■ 62, 105.655,
329.295

100, 0.012,
296.813

■ 61, 110.272,
329.551

■ 60, 112.190,
329.751

■ 60,112.261,
329.761

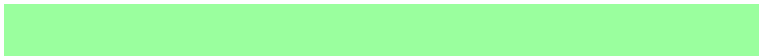
Harmonies

Complementary

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



77, 61.065, 327.718



92, 61.134, 142.364

Rectangle

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



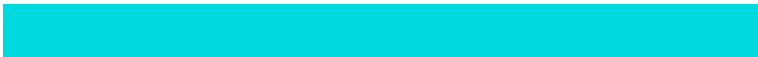
77, 61.065, 327.718



77, 61.065, 17.718



77, 61.065, 147.718



77, 61.065, 197.718

Sweetspot

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



77, 61.009, 327.614



93, 18.675, 326.083



68, 55.514, 296.505



48, 12.395, 326.159



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, 61.009, 327.614



73, 71.741, 327.998



75, 44.249, 349.628



50, 8.836, 325.938



45, 90.465, 329.734



12, 41.761, 329.547

Inverse Universe

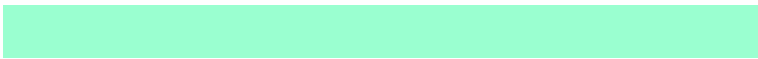
The Inverse Universe completely reimagines the original color for something new.



77, 61.009, 327.614



73, 71.741, 327.998



93, 41.819, 161.480



50, 8.836, 325.938



45, 90.465, 329.734



12, 41.761, 329.547

Previews

White Background



This preview shows how the CIELCh color 77, 61.065, 327.718 looks on a white background.

Color Contrast Check

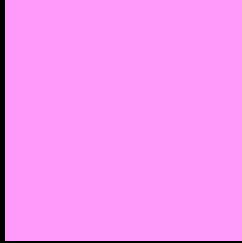
Large Text (above 18pt) WCAG AA × Fail

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, 61.065, 327.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

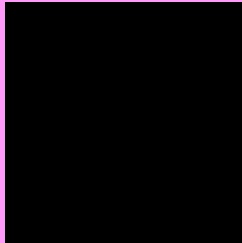
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 61.065, 327.718

Background



This preview shows how black text looks on a background with the CIELCh color 77, 61.065, 327.718.

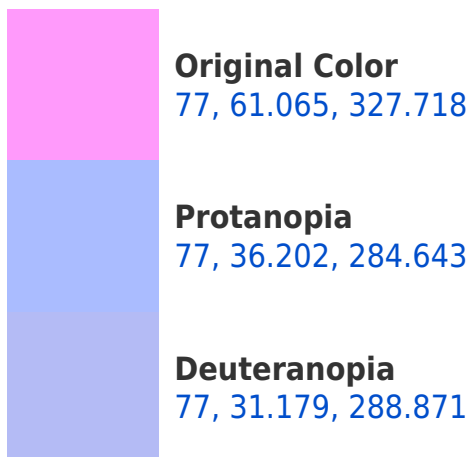


This preview shows how white text looks on a background with the CIELCh color 77, 61.065, 327.718.

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, 61.065, 327.718



Protanomaly
76, 42.935, 304.611



Deuteranomaly
76, 40.343, 308.648



Tritanomaly
77, 38.396, 346.613

Monochromacy



Original Color
77, 61.065, 327.718



Achromatopsia
79, 0.010, 296.813



Achromatomaly
77, 23.045, 326.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 61.065, 327.718 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, 154, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 251)  
}
```

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, 154, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 61.065, 327.718 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, 154, 251) }
```

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

```
.border{ border-color:rgb(255, 154, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 61.065, 327.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 251) }
```

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

```
.background{ background-color: rgb(255,  
154, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor