

Converting Colors

CIELCh(76, 57.620, 324.649)

Have a look what the booklet for
CIELCh(76, 57.620, 324.649)
contains.

CIELCh(76, 57.850, 324.598)	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(76, 57.850, 324.598)

Conversions

Conversions Part 1

Format	Color
Hex	F49CFA
RGB	244, 156, 250
RGB Percent	96%, 61%, 98%
CMY	0.0433, 0.3884, 0.0198
CMYK	0.02, 0.38, 0.00, 0.02
HSL	296°, 90%, 80%
HSV	296°, 38%, 98%
XYZ	66.4222, 49.8872, 96.5342
YIQ	193.0280, 22.2740, 47.8900

Conversions

Conversions Part 2

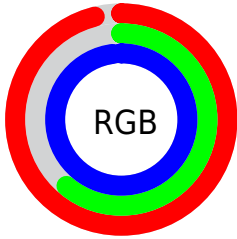
Format	Color
R_{YB}	244, 156, 250
Decimal	16030970
CIE _{Lab}	76.00, 47.15, -33.51
CIE _{LCh}	76, 57.850, 324.598
Yxy	49.8872, 0.3121, 0.2344
Android (android.graphics.Color)	4294221050 (0xFFFF49CFA)
YUV	193.0280, 28.0872, 44.7024
Hunter-Lab	70.6309, 44.2597, -31.5925

Details

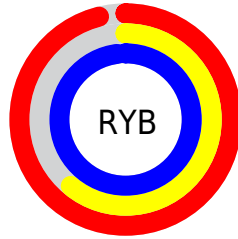
The CIELCh color **76, 57.850, 324.598** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 57.657, 140.158**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.948, 325.363**, and **56, 58.011, 324.589** is the 20% darker color. If you saturate the color by 10%, you get **71, 72.283, 325.033**, and if you desaturate by 10%, it is **82, 42.667, 324.117**.

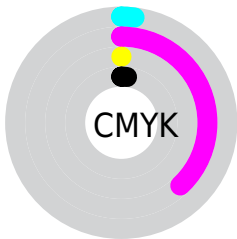
Distribution



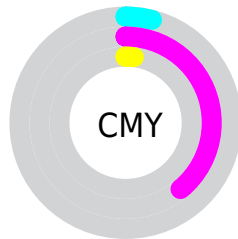
- Red (96%)
- Green (61%)
- Blue (98%)



- Red (96%)
- Yellow (61%)
- Blue (98%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (39%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 57.850, 324.598 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 76, 57.850, 324.598 by changing the saturation by 10% instead.


 76, 57.850,
324.598

 76, 57.850,
324.598


 100, 57.850,
324.598


 66, 57.850,
324.598


 96, 57.850,
324.598

 56, 57.850,
324.598

 46, 57.850,
324.598

 36, 57.850,
324.598

 26, 57.850,
324.598

 16, 57.850,
324.598

 6, 57.850, 324.598

■ 0, 57.850, 324.598

■ 76, 57.850,
324.598

■ 76, 57.850,
324.598

■ 71, 72.283,
325.033

■ 82, 42.667,
324.117

■ 66, 85.421,
325.399

■ 87, 27.172,
323.609

■ 63, 96.626,
325.670

■ 94, 11.671,
323.084

■ 60, 105.290,
325.824

■ 100, 3.045,
142.384

■ 58, 111.006,
325.844

■ 100, 2.778,
132.729

■ 57, 113.808,
325.728

■ 100, 2.605,
121.388

■ 56,114.253,
325.690

■ 100,2.547,
109.957

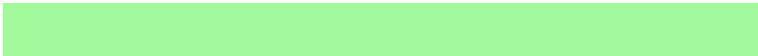
Harmonies

Complementary

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



76, 57.850, 324.598



91, 57.657, 140.158

Rectangle

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



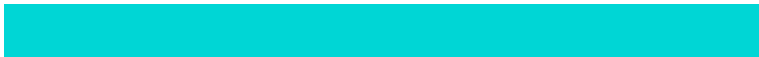
76, 57.850, 324.598



76, 57.850, 14.598



76, 57.850, 144.598



76, 57.850, 194.598

Sweetspot

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



76, 57.847, 324.598



93, 17.198, 323.266



69, 48.111, 292.592



49, 11.565, 323.337



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 57.847, 324.598



74, 69.741, 324.928



75, 43.966, 343.634



49, 8.734, 323.185



43, 92.491, 325.733



11, 41.822, 326.044

Inverse Universe

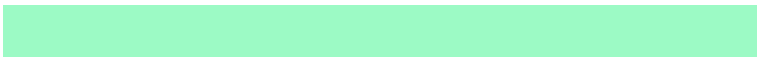
The Inverse Universe completely reimagines the original color for something new.



74, 37.631, 18.210



71, 46.699, 19.561



91, 42.633, 156.665



49, 5.177, 14.781



39, 80.736, 37.554



9, 31.746, 23.571

Previews

White Background



This preview shows how the CIELCh color 76, 57.850, 324.598 looks on a white background.

Color Contrast Check

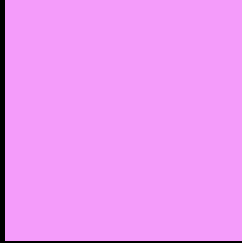
Large Text (above 18pt) WCAG AA × Fail

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 76, 57.850, 324.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

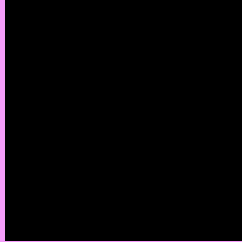
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 57.850, 324.598

Background



This preview shows how black text looks on a background with the CIELCh color 76, 57.850, 324.598.

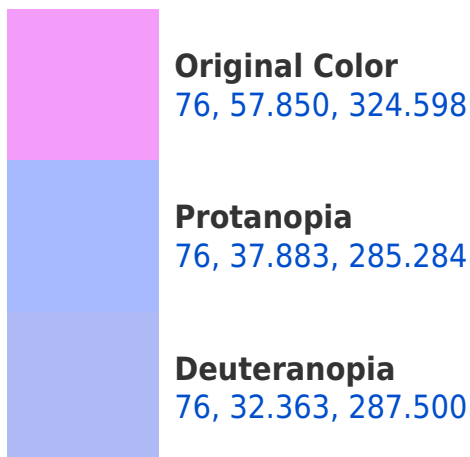


This preview shows how white text looks on a background with the CIELCh color 76, 57.850, 324.598.

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
76, 25.851, 6.283

Trichromacy



Original Color
76, 57.850, 324.598



Protanomaly
75, 43.340, 302.829



Deuteranomaly
76, 40.471, 305.716



Tritanomaly
76, 34.714, 342.435

Monochromacy



Original Color
76, 57.850, 324.598



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 21.635, 323.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 57.850, 324.598 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(244, 156, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 156, 250)  
}
```

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(244, 156, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 156, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 57.850, 324.598 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(244, 156, 250) }
```

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

```
.border{ border-color:rgb(244, 156, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 156, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 156, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 156, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 156,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 57.850, 324.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 156, 250) }
```

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

```
.background{ background-color: rgb(244,  
156, 250) }
```

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