

Converting Colors

CIELCh(76, 63.810, 325.948)

Have a look what the booklet for
CIELCh(76, 63.810, 325.948)
contains.

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Color

CIELCh(76, 63.630, 326.051)

Conversions

Conversions Part 1

Format	Color
Hex	FC97FE
RGB	252, 151, 254
RGB Percent	99%, 59%, 100%
CMY	0.0125, 0.4085, 0.0046
CMYK	0.01, 0.41, 0.00, 0.00
HSL	299°, 98%, 79%
HSV	299°, 41%, 100%
XYZ	68.9826, 49.8872, 99.6132
YIQ	192.9410, 27.1330, 53.4450

Conversions

Conversions Part 2

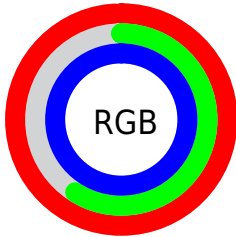
Format	Color
R _Y B	252, 151, 254
Decimal	16553982
CIE Lab	76.00, 52.78, -35.53
CIE LCh	76, 63.630, 326.051
Yxy	49.8872, 0.3157, 0.2283
Android (android.graphics.Color)	4294744062 (0xFFFC97FE)
YUV	192.9410, 30.1021, 51.7947
Hunter-Lab	70.6309, 50.7302, -34.1771

Details

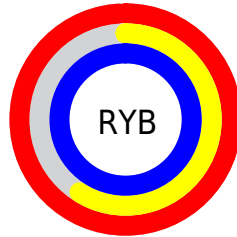
The CIELCh color **76, 63.630, 326.051** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 63.678, 140.886**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.096, 325.472**, and **56, 63.603, 326.157** is the 20% darker color. If you saturate the color by 10%, you get **71, 77.887, 326.500**, and if you desaturate by 10%, it is **81, 48.365, 325.553**.

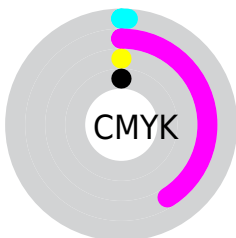
Distribution



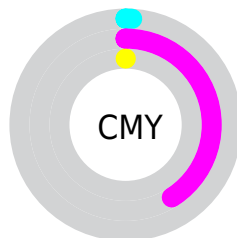
- Red (99%)
- Green (59%)
- Blue (100%)



- Red (99%)
- Yellow (59%)
- Blue (100%)



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (41%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 63.630, 326.051 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, 63.630, 326.051 by changing the saturation by 10% instead.


 76, 63.630,
326.051


 76, 63.630,
326.051


 100, 63.630,
326.051


 66, 63.630,
326.051


 96, 63.630,
326.051

 56, 63.630,
326.051

 46, 63.630,
326.051

 36, 63.630,
326.051

 26, 63.630,
326.051

 16, 63.630,
326.051

 6, 63.630, 326.051

■ 0, 63.630, 326.051

■ 76, 63.630,
326.051

■ 76, 63.630,
326.051

■ 71, 77.887,
326.500

■ 81, 48.365,
325.553

■ 67, 90.544,
326.881

■ 87, 32.595,
325.025

■ 64, 100.965,
327.174

■ 93, 16.689,
324.477

■ 61, 108.620,
327.367

■ 99, 0.908, 323.623

■ 60, 113.265,
327.453

100, 0.636,
132.872

■ 59, 115.263,
327.451

100, 0.589,
117.323

100, 0.584,
110.002

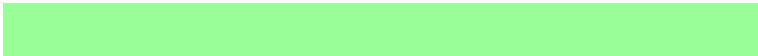
Harmonies

Complementary

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



76, 63.630, 326.051



92, 63.678, 140.886

Rectangle

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



76, 63.630, 326.051



76, 63.630, 16.051



76, 63.630, 146.051



76, 63.630, 196.051

Sweetspot

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



76, 63.627, 326.051



93, 19.027, 324.557



67, 54.919, 294.489



48, 12.629, 324.629



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, 63.627, 326.051



72, 76.015, 326.434



75, 46.995, 345.827



50, 9.002, 324.418



45, 93.162, 327.464



12, 42.854, 327.556

Inverse Universe

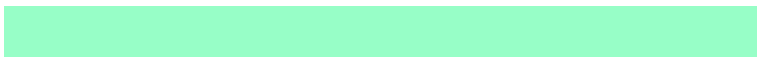
The Inverse Universe completely reimagines the original color for something new.



73, 41.818, 22.040



69, 51.958, 23.646



92, 45.167, 157.894



49, 5.252, 18.371



40, 83.356, 39.238



10, 33.206, 26.402

Previews

White Background



This preview shows how the CIELCh color 76, 63.630, 326.051 looks on a white background.

Color Contrast Check

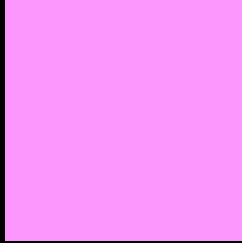
Large Text (above 18pt) WCAG AA × Fail

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, 63.630, 326.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

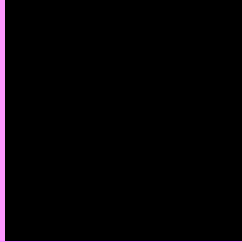
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 63.630, 326.051

Background



This preview shows how black text looks on a background with the CIELCh color 76, 63.630, 326.051.

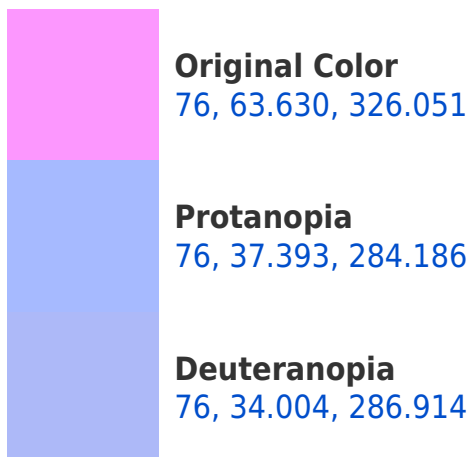



This preview shows how white text looks on a background with the CIELCh color 76, 63.630, 326.051.

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, 29.740, 8.792

Trichromacy



Original Color
76, 63.630, 326.051



Protanomaly
75, 45.095, 303.804



Deuteranomaly
76, 42.774, 306.490



Tritanomaly
76, 39.305, 344.675

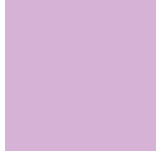
Monochromacy



Original Color
76, 63.630, 326.051



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 23.756, 324.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 63.630, 326.051 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(252, 151, 254)` looks like.

```
.text, #text, p{  
    color:rgb(252, 151, 254)  
}
```

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(252, 151, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 151, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 63.630, 326.051 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(252, 151, 254) }
```

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

```
.border{ border-color:rgb(252, 151, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 151, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 151, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 151, 254);  
box-shadow:4px 4px 4px 4px rgb(252, 151,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 63.630, 326.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 151, 254) }
```

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

```
.background{ background-color: rgb(252,  
151, 254) }
```

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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