

Converting Colors

CIELCh(76, 52.600, 317.291)

Have a look what the booklet for
CIELCh(76, 52.600, 317.291)
contains.

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Color

CIELCh(76, 52.606, 317.265)

Conversions

Conversions Part 1

Format	Color
Hex	E3A4FE
RGB	227, 164, 254
RGB Percent	89%, 64%, 100%
CMY	0.1108, 0.3578, 0.0050
CMYK	0.11, 0.35, 0.00, 0.00
HSL	282°, 97%, 82%
HSV	282°, 35%, 100%
XYZ	62.6711, 49.8872, 99.8665
YIQ	193.0970, 8.6580, 41.3460

Conversions

Conversions Part 2

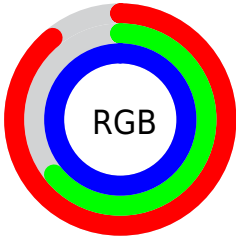
Format	Color
R_{YB}	227, 164, 254
Decimal	14918910
CIE _{Lab}	76.00, 38.64, -35.70
CIE _{LCh}	76, 52.606, 317.265
Yxy	49.8872, 0.2950, 0.2348
Android (android.graphics.Color)	4293108990 (0xFFE3A4FE)
YUV	193.0970, 30.0252, 29.7329
Hunter-Lab	70.6309, 34.7798, -34.3897

Details

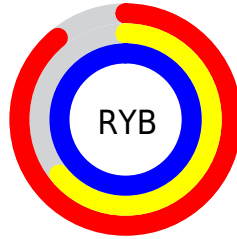
The CIELCh color $76, 52.606, 317.265$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 51.219, 133.976$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 21.910, 325.187$, and $56, 52.624, 317.137$ is the 20% darker color. If you saturate the color by 10%, you get $70, 67.391, 317.668$, and if you desaturate by 10%, it is $82, 37.591, 316.828$.

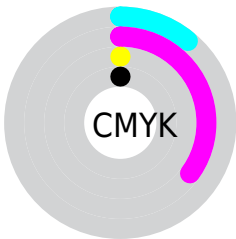
Distribution



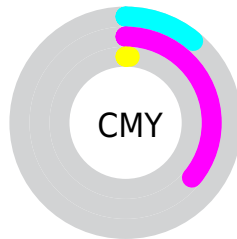
- Red (89%)
- Green (64%)
- Blue (100%)



- Red (89%)
- Yellow (64%)
- Blue (100%)



- Cyan (11%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (36%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 52.606, 317.265 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, 52.606, 317.265 by changing the saturation by 10% instead.


 76, 52.606,
317.265


 76, 52.606,
317.265


 100, 52.606,
317.265


 66, 52.606,
317.265


 96, 52.606,
317.265

 56, 52.606,
317.265

 46, 52.606,
317.265

 36, 52.606,
317.265

 26, 52.606,
317.265

 16, 52.606,
317.265

 6, 52.606, 317.265

■ 0, 52.606, 317.265

■ 76, 52.606,
317.265

■ 76, 52.606,
317.265

■ 70, 67.391,
317.668

■ 82, 37.591,
316.828

■ 64, 81.524,
318.001

■ 89, 22.637,
316.383

■ 59, 94.395,
318.214

■ 96, 7.915, 315.933

■ 54, 105.248,
318.244

100, 0.632,
110.008

■ 51, 113.308,
318.022

■ 49, 118.075,
317.492

■ 48,119.427,
317.178

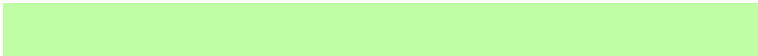
Harmonies

Complementary

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



76, 52.606, 317.265



94, 51.219, 133.976

Rectangle

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



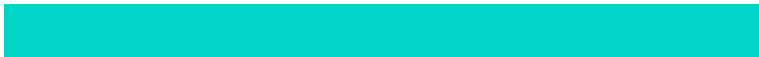
76, 52.606, 317.265



76, 52.606, 7.265



76, 52.606, 137.265



76, 52.606, 187.265

Sweetspot

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



76, 52.604, 317.265



92, 16.097, 316.184



78, 33.730, 278.194



48, 10.831, 316.245



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, 52.604, 317.265



72, 64.051, 317.574



78, 49.610, 332.234



50, 8.307, 316.118



36, 96.464, 317.340



8, 44.091, 318.506

Inverse Universe

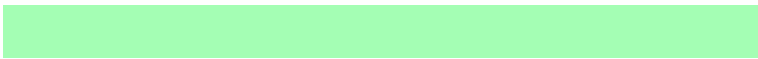
The Inverse Universe completely reimagines the original color for something new.



77, 36.745, 0.133



73, 44.982, 1.413



93, 49.469, 147.121



50, 5.666, 356.811



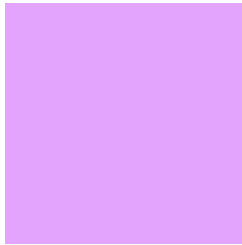
40, 70.682, 21.258



10, 31.461, 12.746

Previews

White Background



This preview shows how the CIELCh color 76, 52.606, 317.265 looks on a white background.

Color Contrast Check

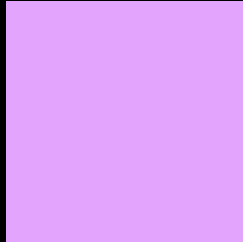
Large Text (above 18pt) WCAG AA × Fail

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, 52.606, 317.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

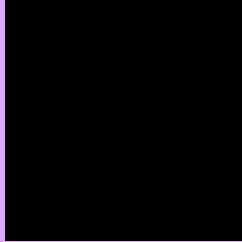
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 52.606, 317.265

Background



This preview shows how black text looks on a background with the CIELCh color 76, 52.606, 317.265.

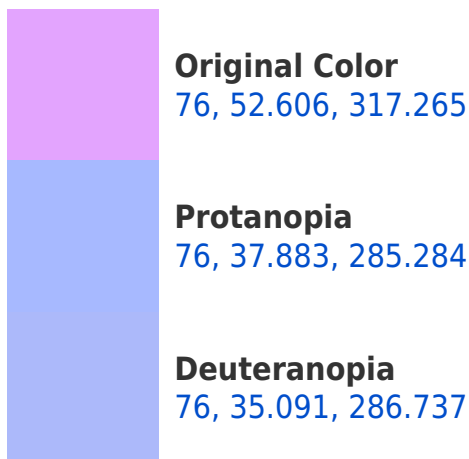


This preview shows how white text looks on a background with the CIELCh color 76, 52.606, 317.265.

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, 16.589, 356.075

Trichromacy



Original Color
76, 52.606, 317.265



Protanomaly
76, 42.364, 299.045



Deuteranomaly
76, 40.337, 300.552



Tritanomaly
76, 28.236, 330.631

Monochromacy



Original Color
76, 52.606, 317.265



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 19.626, 316.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 52.606, 317.265 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(227, 164, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 164, 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(227, 164, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 164, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 52.606, 317.265 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(227, 164, 254) }
```

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

```
.border{ border-color:rgb(227, 164, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 164, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 164, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 164, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 164,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 52.606, 317.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 164, 254) }
```

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

```
.background{ background-color: rgb(227,  
164, 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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