

Converting Colors

CIELCh(76, 52.414, 323.889)

Have a look what the booklet for
CIELCh(76, 52.414, 323.889)
contains.

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Color

CIELCh(76, 52.395, 323.912)

Conversions

Conversions Part 1

Format	Color
Hex	EEA0F5
RGB	238, 160, 245
RGB Percent	93%, 63%, 96%
CMY	0.0668, 0.3727, 0.0394
CMYK	0.03, 0.35, 0.00, 0.04
HSL	295°, 81%, 79%
HSV	295°, 35%, 96%
XYZ	64.2841, 49.8872, 92.5932
YIQ	193.0120, 19.2030, 42.9710

Conversions

Conversions Part 2

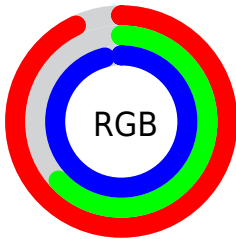
Format	Color
R _Y B	238, 160, 245
Decimal	15638773
CIE Lab	76.00, 42.34, -30.86
CIE LCh	76, 52.395, 323.912
Yxy	49.8872, 0.3109, 0.2413
Android (android.graphics.Color)	4293828853 (0xFFEEA0F5)
YUV	193.0120, 25.6301, 39.4545
Hunter-Lab	70.6309, 38.8562, -28.2843

Details

The CIELCh color **76, 52.395, 323.912** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90, 52.135, 139.962**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.429, 325.275**, and **56, 52.087, 324.133** is the 20% darker color. If you saturate the color by 10%, you get **71, 66.851, 324.352**, and if you desaturate by 10%, it is **82, 37.373, 323.432**.

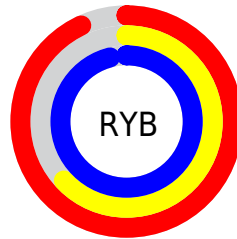
Distribution



Red (93%)

Green (63%)

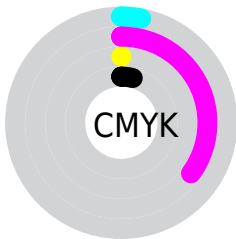
Blue (96%)



Red (93%)

Yellow (63%)

Blue (96%)

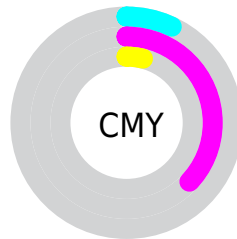


Cyan (3%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (7%)


Magenta (37%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 52.395, 323.912 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, 52.395, 323.912 by changing the saturation by 10% instead.


 76, 52.395,
323.912


 76, 52.395,
323.912


 100, 52.395,
323.912


 66, 52.395,
323.912


 96, 52.395,
323.912

 56, 52.395,
323.912

 46, 52.395,
323.912

 36, 52.395,
323.912

 26, 52.395,
323.912

 16, 52.395,
323.912

 6, 52.395, 323.912

■ 0, 52.395, 323.912

■ 76, 52.395,
323.912

■ 76, 52.395,
323.912

■ 71, 66.851,
324.352

■ 82, 37.373,
323.432

■ 66, 80.245,
324.728

■ 88, 22.167,
322.930

■ 62, 91.968,
325.014

■ 94, 7.039, 322.402

■ 99, 6.023, 141.381

■ 59, 101.389,
325.181

■ 99, 5.674, 135.371

■ 57, 108.005,
325.208

■ 99, 5.394, 128.628

■ 55, 111.650,
325.083

■ 100, 5.198,
121.236

■ 55, 112.691,
324.970

■ 100, 5.095,
113.378

■ 100, 5.081,
109.783

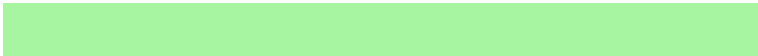
Harmonies

Complementary

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



76, 52.395, 323.912



90, 52.135, 139.962

Rectangle

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



76, 52.395, 323.912



76, 52.395, 13.912



76, 52.395, 143.912



76, 52.395, 193.912

Sweetspot

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



76, 52.392, 323.912



94, 15.538, 322.689



71, 42.592, 291.347



49, 10.610, 322.762



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, 52.392, 323.912



75, 65.112, 324.242



76, 40.378, 342.438



48, 8.540, 322.661



42, 91.695, 325.024



10, 40.732, 325.441

Inverse Universe

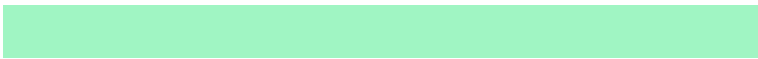
The Inverse Universe completely reimagines the original color for something new.



74, 33.811, 16.327



73, 43.132, 17.591



90, 39.331, 156.238



48, 5.101, 13.290



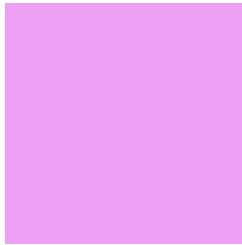
39, 79.107, 36.723



8, 30.531, 21.686

Previews

White Background



This preview shows how the CIELCh color 76, 52.395, 323.912 looks on a white background.

Color Contrast Check

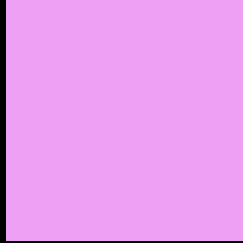
Large Text (above 18pt) WCAG AA × Fail

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, 52.395, 323.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

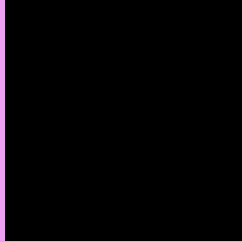
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 52.395, 323.912

Background



This preview shows how black text looks on a background with the CIELCh color 76, 52.395, 323.912.

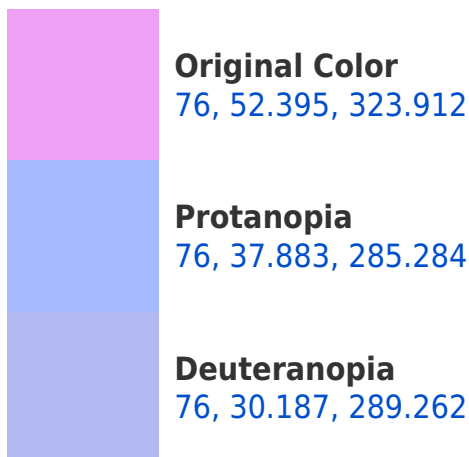


This preview shows how white text looks on a background with the CIELCh color 76, 52.395, 323.912.

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, 23.180, 4.138

Trichromacy



Original Color
76, 52.395, 323.912



Protanomaly
76, 40.981, 301.395



Deuteranomaly
76, 37.253, 306.155



Tritanomaly
76, 31.530, 340.914

Monochromacy



Original Color
76, 52.395, 323.912



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 19.530, 322.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 52.395, 323.912 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(238, 160, 245)` looks like.

```
.text, #text, p{  
    color:rgb(238, 160, 245)  
}
```

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(238, 160, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 160, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 52.395, 323.912 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(238, 160, 245) }
```

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

```
.border{ border-color:rgb(238, 160, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 160, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 160, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 160, 245);  
box-shadow:4px 4px 4px 4px rgb(238, 160,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 52.395, 323.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 160, 245) }
```

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

```
.background{ background-color: rgb(238,  
160, 245) }
```

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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