

Converting Colors

CIELCh(80, 48.477, 322.740)

Have a look what the booklet for
CIELCh(80, 48.477, 322.740)
contains.

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Color

CIELCh(80, 48.539, 322.495)

Conversions

Conversions Part 1

Format	Color
Hex	F4AEFE
RGB	244, 174, 254
RGB Percent	96%, 68%, 100%
CMY	0.0430, 0.3175, 0.0038
CMYK	0.04, 0.31, 0.00, 0.00
HSL	292°, 98%, 84%
HSV	292°, 31%, 100%
XYZ	70.3567, 56.6813, 101.0268
YIQ	204.0500, 16.0400, 39.7200

Conversions

Conversions Part 2

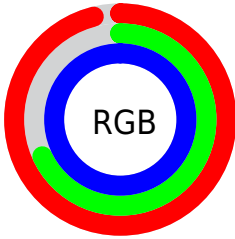
Format	Color
R_YB	244, 174, 254
Decimal	16035582
CIE Lab	80.00, 38.51, -29.55
CIE LCh	80, 48.539, 322.495
Yxy	56.6813, 0.3085, 0.2485
Android (android.graphics.Color)	4294225662 (0xFFFF4AEFE)
YUV	204.0500, 24.6254, 35.0362
Hunter-Lab	75.2870, 35.0585, -26.8598

Details

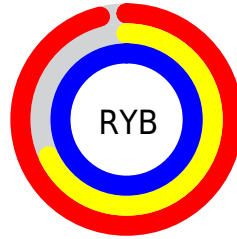
The CIELCh color $80, 48.539, 322.495$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $94, 48.148, 139.129$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $60, 48.813, 322.659$ is the 20% darker color. If you saturate the color by 10%, you get $74, 63.610, 322.931$, and if you desaturate by 10%, it is $86, 33.089, 322.025$.

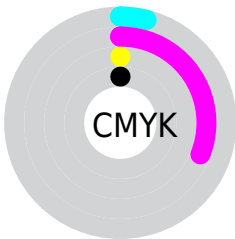
Distribution



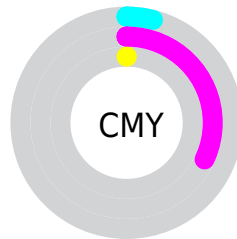
- Red (96%)
- Green (68%)
- Blue (100%)



- Red (96%)
- Yellow (68%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 48.539, 322.495 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 80, 48.539, 322.495 by changing the saturation by 10% instead.

 80, 48.539,
322.495

 80, 48.539,
322.495


 100, 48.539,
322.495

 70, 48.539,
322.495

 60, 48.539,
322.495

 50, 48.539,
322.495

 40, 48.539,
322.495

 30, 48.539,
322.495

 20, 48.539,
322.495


 10, 48.539,


322.495


 0, 48.539, 322.495


 80, 48.539,
322.495


 80, 48.539,
322.495

 74, 63.610,
322.931


 86, 33.089,
322.025

 69, 77.852,
323.309


 92, 17.595,
321.538

 65, 90.670,
323.598

 99, 2.271, 320.956

 61, 101.392,
323.763

100, 0.478,
109.980

 58, 109.391,
323.772

■ 56,114.299,
323.601

■ 55,116.340,
323.327

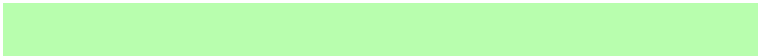
Harmonies

Complementary

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



80, 48.539, 322.495



94, 48.148, 139.129

Rectangle

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



80, 48.539, 322.495



80, 48.539, 12.495



80, 48.539, 142.495



80, 48.539, 192.495

Sweetspot

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



80, 48.536, 322.495



94, 13.798, 321.414



77, 37.344, 288.484



49, 9.598, 321.487



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 48.536, 322.495



77, 58.596, 322.785



80, 39.022, 339.639



50, 8.720, 321.439



41, 93.953, 323.407



11, 43.154, 323.970

Inverse Universe

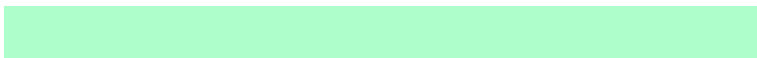
The Inverse Universe completely reimagines the original color for something new.



79, 31.326, 12.575



75, 38.538, 13.628



94, 38.332, 154.379



50, 5.315, 9.895



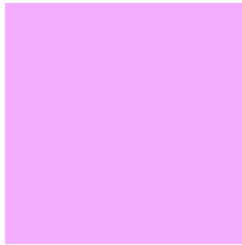
40, 78.750, 34.599



10, 32.435, 22.072

Previews

White Background



This preview shows how the CIELCh color 80, 48.539, 322.495 looks on a white background.

Color Contrast Check

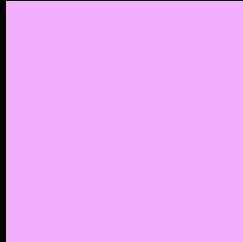
Large Text (above 18pt) WCAG AA × Fail

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 80, 48.539, 322.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

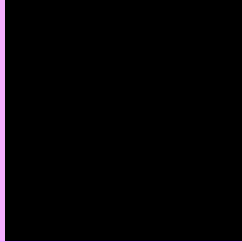
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 48.539, 322.495

Background



This preview shows how black text looks on a background with the CIELCh color 80, 48.539, 322.495.




This preview shows how white text looks on a background with the CIELCh color 80, 48.539, 322.495.

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
80, 20.486, 359.999

Trichromacy



Original Color
80, 48.539, 322.495



Protanomaly
80, 35.735, 301.562



Deuteranomaly
80, 35.161, 305.540

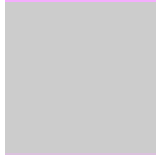


Tritanomaly
80, 29.040, 337.982

Monochromacy



Original Color
80, 48.539, 322.495



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 18.061, 322.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 48.539, 322.495 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, 174, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 174, 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(244, 174, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 174, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 48.539, 322.495 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, 174, 254) }
```

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

```
.border{ border-color:rgb(244, 174, 254) }
```

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

Here you see how a box with a 4 pixel rgb(244, 174, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 174, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 174, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 174,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 48.539, 322.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 174, 254) }
```

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

```
.background{ background-color: rgb(244,  
174, 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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