

Converting Colors

CIELCh(80, 47.639, 325.446)

Have a look what the booklet for
CIELCh(80, 47.639, 325.446)
contains.

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Color

CIELCh(80, 47.618, 325.730)

Conversions

Conversions Part 1

Format	Color
Hex	F8ADF9
RGB	248, 173, 249
RGB Percent	97%, 68%, 98%
CMY	0.0275, 0.3216, 0.0235
CMYK	0.00, 0.31, 0.00, 0.02
HSL	299°, 86%, 83%
HSV	299°, 31%, 98%
XYZ	70.7519, 56.6813, 96.8312
YIQ	204.0890, 20.3040, 39.5360

Conversions

Conversions Part 2

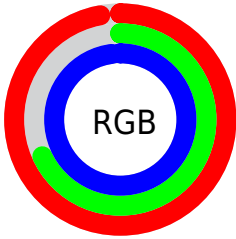
Format	Color
R _Y B	248, 173, 249
Decimal	16297465
CIE Lab	80.00, 39.35, -26.81
CIE LCh	80, 47.618, 325.730
Yxy	56.6813, 0.3155, 0.2527
Android (android.graphics.Color)	4294487545 (0xFFF8ADF9)
YUV	204.0890, 22.1411, 38.5099
Hunter-Lab	75.2870, 35.9954, -23.5556

Details

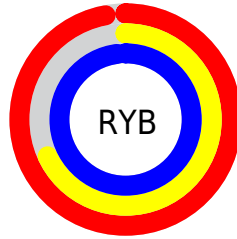
The CIELCh color $80, 47.618, 325.730$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $92, 47.594, 141.969$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $60, 47.772, 326.065$ is the 20% darker color. If you saturate the color by 10%, you get $75, 62.658, 326.232$, and if you desaturate by 10%, it is $86, 32.067, 325.198$.

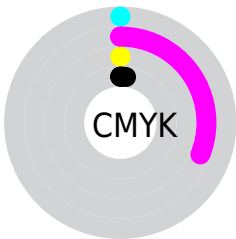
Distribution



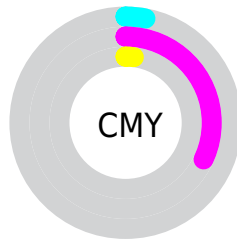
- Red (97%)
- Green (68%)
- Blue (98%)



- Red (97%)
- Yellow (68%)
- Blue (98%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)





- Cyan (3%)
- Magenta (32%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 47.618, 325.730 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, 47.618, 325.730 by changing the saturation by 10% instead.


 80, 47.618,
325.730


 80, 47.618,
325.730


 100, 47.618,
325.730


 70, 47.618,
325.730

 60, 47.618,
325.730

 50, 47.618,
325.730

 40, 47.618,
325.730


 30, 47.618,
325.730


 20, 47.618,
325.730


 10, 47.618,


325.730


 0, 47.618, 325.730


 80, 47.618,
325.730


 80, 47.618,
325.730

 75, 62.658,
326.232


 86, 32.067,
325.198

 70, 76.707,
326.686


 91, 16.381,
324.646

 66, 89.173,
327.074

 98, 0.814, 323.753

 63, 99.435,
327.377

 99, 3.655, 143.012

 60, 106.978,
327.582

 99, 3.592, 141.503

 99, 3.532, 139.941

■ 59,111.565,
327.686

■ 100, 3.475,
138.325

■ 58, 113.563,
327.704

■ 100, 3.420,
136.655

■ 100, 3.369,
134.932

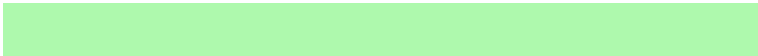
Harmonies

Complementary

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



80, 47.618, 325.730



92, 47.594, 141.969

Rectangle

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



80, 47.618, 325.730



80, 47.618, 15.730



80, 47.618, 145.730



80, 47.618, 195.730

Sweetspot

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



80, 47.615, 325.730



94, 14.274, 324.561



74, 40.543, 293.369



49, 9.927, 324.644



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, 47.615, 325.730



78, 58.565, 326.062



79, 34.539, 345.588



49, 8.871, 324.589



44, 92.207, 327.713



11, 41.715, 327.778

Inverse Universe

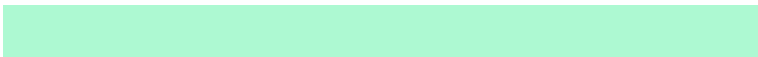
The Inverse Universe completely reimagines the original color for something new.



78, 29.961, 21.013



76, 37.887, 21.932



92, 33.360, 159.920



49, 5.166, 18.879



39, 82.789, 39.473



9, 32.098, 25.617

Previews

White Background



This preview shows how the CIE LCh color 80, 47.618, 325.730 looks on a white background.

Color Contrast Check

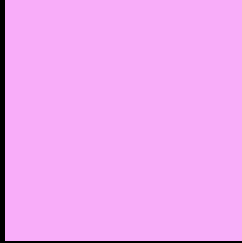
Large Text (above 18pt) WCAG AA × Fail

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, 47.618, 325.730 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, 47.618, 325.730

Background



This preview shows how black text looks on a background with the CIELCh color 80, 47.618, 325.730.



This preview shows how white text looks on a background with the CIELCh color 80, 47.618, 325.730.

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, 23.045, 2.720

Trichromacy



Original Color
80, 47.618, 325.730



Protanomaly
80, 35.399, 303.258



Deuteranomaly
80, 32.916, 308.790

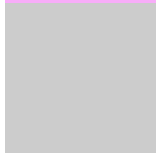


Tritanomaly
80, 30.624, 342.356

Monochromacy



Original Color
80, 47.618, 325.730



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 17.368, 325.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 47.618, 325.730 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(248, 173, 249)` looks like.

```
.text, #text, p{  
    color:rgb(248, 173, 249)  
}
```

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(248, 173, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 173, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 47.618, 325.730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

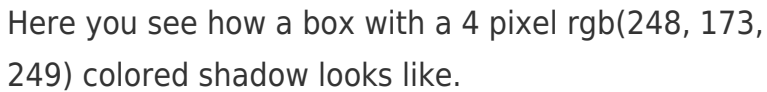
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 173, 249) }
```

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

```
.border{ border-color:rgb(248, 173, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 173, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 173, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 173, 249); box-shadow:4px 4px 4px 4px rgb(248, 173, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 47.618, 325.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 173, 249) }
```

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

```
.background{ background-color: rgb(248,  
173, 249) }
```

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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