

Converting Colors

CIELCh(80, 49.474, 326.162)

Have a look what the booklet for
CIELCh(80, 49.474, 326.162)
contains.

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Color

CIELCh(80, 48.984, 326.142)

Conversions

Conversions Part 1

Format	Color
Hex	FAACFA
RGB	250, 172, 250
RGB Percent	98%, 67%, 98%
CMY	0.0199, 0.3258, 0.0199
CMYK	0.00, 0.31, 0.00, 0.02
HSL	300°, 88%, 83%
HSV	300°, 31%, 98%
XYZ	71.3749, 56.6813, 97.5541
YIQ	204.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

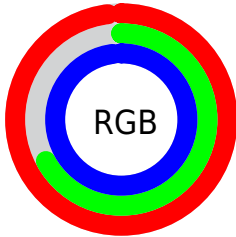
Format	Color
RYB	250, 172, 250
Decimal	16428282
CIELab	80.00, 40.68, -27.29
CIELCh	80, 48.984, 326.142
Yxy	56.6813, 0.3164, 0.2512
Android (android.graphics.Color)	4294618362 (0xFFFAACFA)
YUV	204.2140, 22.5725, 40.1543
Hunter-Lab	75.2870, 37.4725, -24.1249

Details

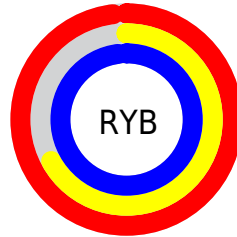
The CIELCh color $80, 48.984, 326.142$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $92, 49.000, 142.212$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $60, 48.993, 326.117$ is the 20% darker color. If you saturate the color by 10%, you get $75, 64.037, 326.651$, and if you desaturate by 10%, it is $86, 33.367, 325.602$.

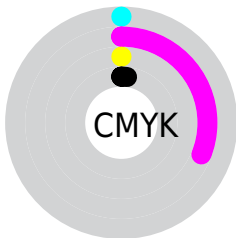
Distribution



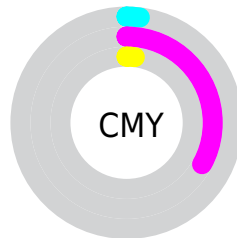
- Red (98%)
- Green (67%)
- Blue (98%)



- Red (98%)
- Yellow (67%)
- Blue (98%)



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




- Cyan (2%)
- Magenta (33%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 48.984, 326.142 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, 48.984, 326.142 by changing the saturation by 10% instead.


 80, 48.984,
326.142

 80, 48.984,
326.142


 100, 48.984,
326.142

 70, 48.984,
326.142

 60, 48.984,
326.142

 50, 48.984,
326.142

 40, 48.984,
326.142


 30, 48.984,
326.142

 20, 48.984,
326.142


 10, 48.984,


326.142


 0, 48.984, 326.142


 80, 48.984,
326.142


 80, 48.984,
326.142

 75, 64.037,
326.651


 86, 33.367,
325.602


 70, 78.030,
327.112


 91, 17.579,
325.043


 66, 90.363,
327.508

 97, 1.887, 324.347

 63, 100.422,
327.824

 100, 3.143,
144.428

 61, 107.719,
328.048

 100, 3.143,
144.426

 100, 3.143,

60, 112.058,
328.179

144.425

59, 113.818,
328.232

100, 3.143,
144.423

100, 3.143,
144.422

100, 3.143,
144.420

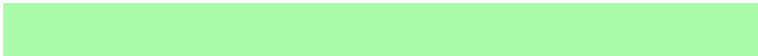
Harmonies

Complementary

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



80, 48.984, 326.142



92, 49.000, 142.212

Rectangle

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



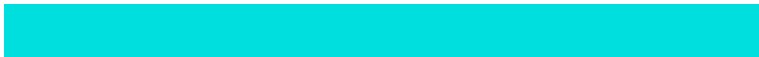
80, 48.984, 326.142



80, 48.984, 16.142



80, 48.984, 146.142



80, 48.984, 196.142

Sweetspot

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



80, 48.981, 326.142



94, 14.333, 324.917



73, 41.640, 293.481



50, 9.968, 325.001



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, 48.981, 326.142



78, 58.750, 326.444



79, 35.425, 345.665



49, 8.908, 324.945



45, 92.157, 328.232



12, 41.696, 328.232

Inverse Universe

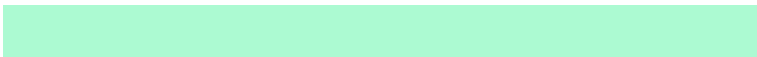
The Inverse Universe completely reimagines the original color for something new.



78, 30.875, 22.096



76, 37.999, 22.906



92, 34.193, 159.842



49, 5.167, 19.941



39, 83.391, 40.000



9, 32.195, 26.139

Previews

White Background



This preview shows how the CIELCh color 80, 48.984, 326.142 looks on a white background.

Color Contrast Check

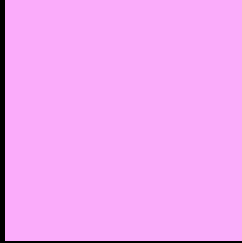
Large Text (above 18pt) WCAG AA × Fail

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, 48.984, 326.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

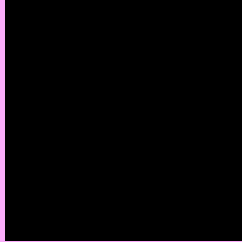
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 48.984, 326.142

Background



This preview shows how black text looks on a background with the CIELCh color 80, 48.984, 326.142.



This preview shows how white text looks on a background with the CIELCh color 80, 48.984, 326.142.

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, 24.163, 3.735

Trichromacy



Original Color
80, 48.984, 326.142



Protanomaly
80, 35.399, 303.258



Deuteranomaly
80, 33.423, 308.549

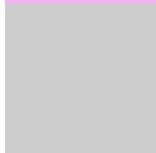


Tritanomaly
80, 31.783, 342.998

Monochromacy



Original Color
80, 48.984, 326.142



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 18.646, 325.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 48.984, 326.142 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(250, 172, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 172, 250)  
}
```

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(250, 172, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 172, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 48.984, 326.142 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(250, 172, 250) }
```

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

```
.border{ border-color:rgb(250, 172, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 172, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 172, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 172, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 172,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 48.984, 326.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 172, 250) }
```

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

```
.background{ background-color: rgb(250,  
172, 250) }
```

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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