

Converting Colors

CIELCh(80, 43.669, 325.861)

Have a look what the booklet for
CIELCh(80, 43.669, 325.861)
contains.

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Color

CIELCh(80, 44.017, 325.594)

Conversions

Conversions Part 1

Format	Color
Hex	F4AFF5
RGB	244, 175, 245
RGB Percent	96%, 69%, 96%
CMY	0.0419, 0.3125, 0.0380
CMYK	0.00, 0.29, 0.00, 0.04
HSL	299°, 78%, 82%
HSV	299°, 29%, 96%
XYZ	69.3399, 56.6813, 93.9284
YIQ	203.6110, 18.6540, 36.3980

Conversions

Conversions Part 2

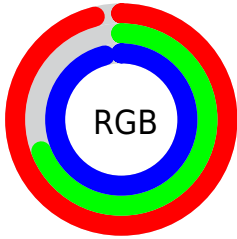
Format	Color
R_{YB}	244, 175, 245
Decimal	16035829
CIE _{Lab}	80.00, 36.32, -24.87
CIE _{LCh}	80, 44.017, 325.594
Yxy	56.6813, 0.3153, 0.2577
Android (android.graphics.Color)	4294225909 (0xFFFF4AFF5)
YUV	203.6110, 20.4048, 35.4212
Hunter-Lab	75.2870, 32.6476, -21.2696

Details

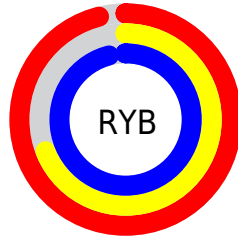
The CIELCh color $80, 44.017, 325.594$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91, 43.983, 142.116$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.992, 324.942$, and $60, 43.905, 325.467$ is the 20% darker color. If you saturate the color by 10%, you get $75, 59.010, 326.102$, and if you desaturate by 10%, it is $86, 28.603, 325.059$.

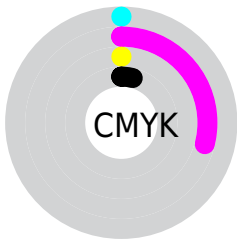
Distribution



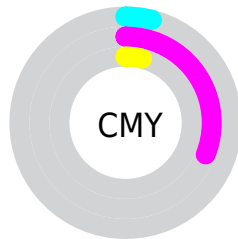
- Red (96%)
- Green (69%)
- Blue (96%)



- Red (96%)
- Yellow (69%)
- Blue (96%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 44.017, 325.594 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, 44.017, 325.594 by changing the saturation by 10% instead.


 80, 44.017,
325.594

 80, 44.017,
325.594

 100, 44.017,
325.594

 70, 44.017,
325.594

 60, 44.017,
325.594

 50, 44.017,
325.594

 40, 44.017,
325.594

 30, 44.017,
325.594

 20, 44.017,
325.594

 10, 44.017,

325.594

0, 44.017, 325.594

80, 44.017,
325.594

80, 44.017,
325.594

75, 59.010,
326.102

86, 28.603,
325.059

70, 73.133,
326.566

91, 13.116,
324.504

66, 85.818,
326.967

98, 2.213, 144.121

62, 96.451,
327.287

99, 5.926, 143.182

60, 104.488,
327.511

99, 5.858, 142.200

99, 5.792, 141.195

■ 58, 109.623,
327.633

■ 99, 5.727, 140.166

■ 58, 112.044,
327.660

■ 99, 5.665, 139.113

■ 99, 5.604, 138.036

■ 58, 112.297,
327.661

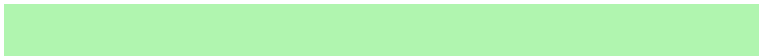
Harmonies

Complementary

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



80, 44.017, 325.594



91, 43.983, 142.116

Rectangle

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



80, 44.017, 325.594



80, 44.017, 15.594



80, 44.017, 145.594



80, 44.017, 195.594

Sweetspot

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



80, 44.014, 325.594



94, 14.269, 324.531



74, 37.297, 293.053



49, 9.924, 324.614



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, 44.014, 325.594



80, 53.945, 325.880



79, 31.892, 345.369



48, 8.720, 324.558



44, 91.282, 327.670



11, 40.582, 327.744

Inverse Universe

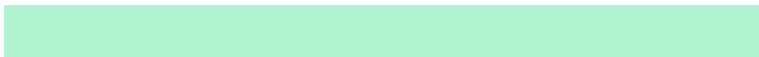
The Inverse Universe completely reimagines the original color for something new.



78, 27.475, 20.677



77, 34.450, 21.407



91, 30.868, 160.140



48, 5.079, 18.789



39, 81.896, 39.420



8, 30.932, 24.441

Previews

White Background



This preview shows how the CIELCh color 80, 44.017, 325.594 looks on a white background.

Color Contrast Check

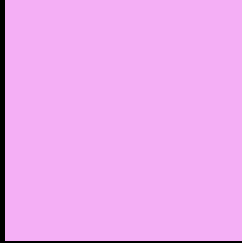
Large Text (above 18pt) WCAG AA × Fail

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, 44.017, 325.594 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, 44.017, 325.594

Background



This preview shows how black text looks on a background with the CIELCh color 80, 44.017, 325.594.



This preview shows how white text looks on a background with the CIELCh color 80, 44.017, 325.594.

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



Original Color


80, 44.017, 325.594

Protanopia

80, 31.067, 284.705

Deuteranopia

80, 25.639, 293.907



Tritanopia
80, 21.728, 359.903

Trichromacy



Original Color
80, 44.017, 325.594



Protanomaly
80, 33.642, 301.996



Deuteranomaly
80, 31.400, 309.566



Tritanomaly
80, 28.309, 340.947

Monochromacy



Original Color
80, 44.017, 325.594



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 16.088, 325.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 44.017, 325.594 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, 175, 245)` looks like.

```
.text, #text, p{  
    color:rgb(244, 175, 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(244, 175, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 175, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 44.017, 325.594 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, 175, 245) }
```

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

```
.border{ border-color:rgb(244, 175, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 175, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 175, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 175, 245);  
box-shadow:4px 4px 4px 4px rgb(244, 175,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 44.017, 325.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 175, 245) }
```

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

```
.background{ background-color: rgb(244,  
175, 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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