

Converting Colors

CIELCh(80, 43.760, 328.940)

Have a look what the booklet for
CIELCh(80, 43.760, 328.940)
contains.

CIELCh(80, 43.695, 328.851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 43.695, 328.851)

Conversions

Conversions Part 1

Format	Color
Hex	F8AEF1
RGB	248, 174, 241
RGB Percent	97%, 68%, 95%
CMY	0.0268, 0.3170, 0.0542
CMYK	0.00, 0.30, 0.03, 0.03
HSL	306°, 84%, 83%
HSV	306°, 30%, 97%
XYZ	69.8397, 56.6813, 90.6085
YIQ	203.7640, 22.5970, 36.5250

Conversions

Conversions Part 2

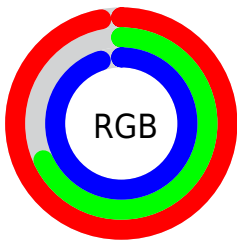
Format	Color
R _Y B	248, 174, 241
Decimal	16297713
CIE Lab	80.00, 37.40, -22.60
CIE LCh	80, 43.695, 328.851
Yxy	56.6813, 0.3216, 0.2610
Android (android.graphics.Color)	4294487793 (0xFFF8AEF1)
YUV	203.7640, 18.3573, 38.7950
Hunter-Lab	75.2870, 33.8326, -18.6552

Details

The CIELCh color `80, 43.695, 328.851` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `92, 43.656, 144.938`, 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, 44.127, 328.927` is the 20% darker color. If you saturate the color by 10%, you get `75, 57.862, 329.438`, and if you desaturate by 10%, it is `86, 29.072, 328.256`.

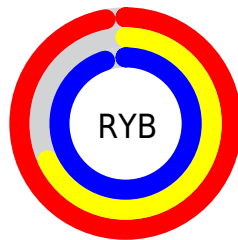
Distribution



Red (97%)

Green (68%)

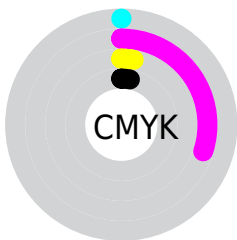
Blue (95%)



Red (97%)

Yellow (68%)

Blue (95%)

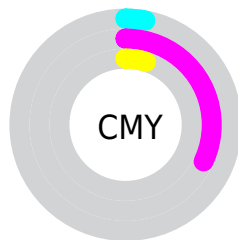


Cyan (0%)

Magenta (30%)

Yellow (3%)

Black (3%)



Cyan (3%)


Magenta (32%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 43.695, 328.851 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, 43.695, 328.851 by changing the saturation by 10% instead.


 80, 43.695,
328.851


 80, 43.695,
328.851


 100, 43.695,
328.851


 70, 43.695,
328.851

 60, 43.695,
328.851

 50, 43.695,
328.851

 40, 43.695,
328.851

 30, 43.695,
328.851

 20, 43.695,
328.851

 10, 43.695,

328.851

0, 43.695, 328.851

80, 43.695,
328.851

80, 43.695,
328.851

75, 57.862,
329.438

86, 29.072,
328.256

70, 71.115,
330.007

92, 14.346,
327.656

66, 82.874,
330.552

98, 0.250, 148.423

62, 92.515,
331.066

99, 3.298, 156.317

60, 99.496,
331.550

99, 2.612, 175.504

100, 2.367,
199.535

■ 58,103.530,
332.014

■ 57,104.954,
332.474

■ 57,104.971,
332.482

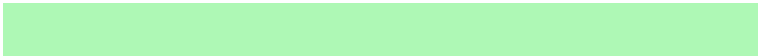
Harmonies

Complementary

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



80, 43.695, 328.851



92, 43.656, 144.938

Rectangle

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



80, 43.695, 328.851



80, 43.695, 18.851



80, 43.695, 148.851



80, 43.695, 198.851

Sweetspot

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



80, 43.692, 328.851



94, 13.433, 327.607



74, 40.222, 296.614



49, 9.343, 327.696



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, 43.692, 328.851



79, 53.695, 329.218



79, 31.784, 351.464



49, 8.349, 327.637



44, 85.554, 332.404



11, 39.072, 331.830

Inverse Universe

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



80, 43.692, 328.851



79, 53.695, 329.218



92, 30.076, 165.482



49, 8.349, 327.637



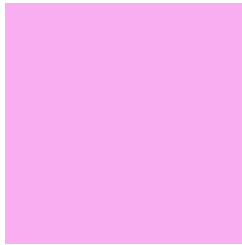
44, 85.554, 332.404



11, 39.072, 331.830

Previews

White Background



This preview shows how the CIELCh color 80, 43.695, 328.851 looks on a white background.

Color Contrast Check

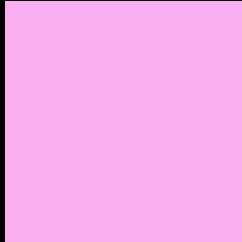
Large Text (above 18pt) WCAG AA × Fail

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, 43.695, 328.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

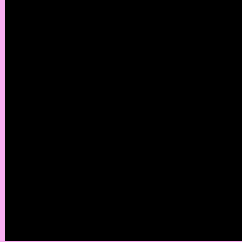
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 43.695, 328.851

Background



This preview shows how black text looks on a background with the CIELCh color 80, 43.695, 328.851.




This preview shows how white text looks on a background with the CIELCh color 80, 43.695, 328.851.

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, 23.409, 3.063

Trichromacy



Original Color
80, 43.695, 328.851



Protanomaly
80, 33.229, 303.250



Deuteranomaly
80, 29.716, 312.670

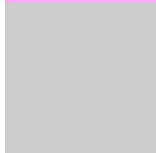


Tritanomaly
80, 29.136, 345.181

Monochromacy



Original Color
80, 43.695, 328.851



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 16.513, 327.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 43.695, 328.851 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, 174, 241)` looks like.

```
.text, #text, p{  
    color:rgb(248, 174, 241)  
}
```

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, 174, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 174, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 43.695, 328.851 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, 174, 241) }
```

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

```
.border{ border-color:rgb(248, 174, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 174, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 174, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 174, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 174,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 43.695, 328.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 174, 241) }
```

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

```
.background{ background-color: rgb(248,  
174, 241) }
```

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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