

Converting Colors

CIELCh(80, 36.159, 344.843)

Have a look what the booklet for
CIELCh(80, 36.159, 344.843)
contains.

| | |
|------------------------------------------------|----|
| CIELCh(80, 36.102, 344.824) | 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, 36.102, 344.824)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEAFD9 |
| RGB | 254, 175, 217 |
| RGB Percent | 100%, 69%, 85% |
| CMY | 0.0043, 0.3141, 0.1494 |
| CMYK | 0.00, 0.31, 0.15, 0.00 |
| HSL | 328°, 97%, 84% |
| HSV | 328°, 31%, 100% |
| XYZ | 68.6611, 56.6813, 72.9033 |
| YIQ | 203.4090, 33.6020, 29.8100 |

Conversions

Conversions Part 2

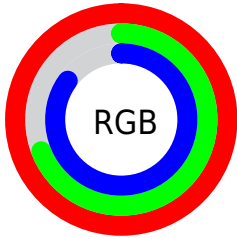
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 254, 175, 217 |
| Decimal | 16691161 |
| CIELab | 80.00, 34.84, -9.45 |
| CIELCh | 80, 36.102, 344.824 |
| Yxy | 56.6813, 0.3463, 0.2859 |
| Android (android.graphics.Color) | 4294881241 (0xFFFEAFD9) |
| YUV | 203.4090, 6.7004, 44.3683 |
| Hunter-Lab | 75.2870, 31.0384, -4.7120 |

Details

The CIELCh color $80, 36.102, 344.824$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 34.941, 159.099$, 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 $60, 36.277, 344.735$ is the 20% darker color. If you saturate the color by 10%, you get $74, 47.562, 345.990$, and if you desaturate by 10%, it is $86, 24.391, 343.797$.

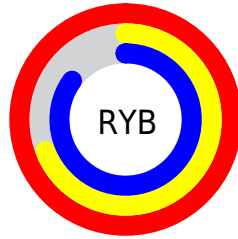
Distribution



Red (100%)

Green (69%)

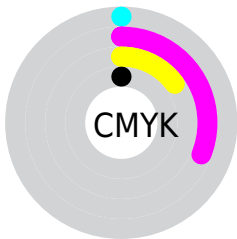
Blue (85%)



Red (100%)

Yellow (69%)

Blue (85%)

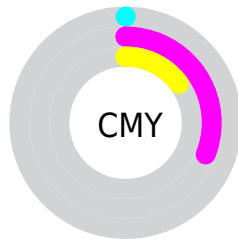


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 36.102, 344.824 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, 36.102, 344.824 by changing the saturation by 10% instead.


 80, 36.102,
344.824


 80, 36.102,
344.824


 100, 36.102,
344.824


 70, 36.102,
344.824

 60, 36.102,
344.824

 50, 36.102,
344.824

 40, 36.102,
344.824

 30, 36.102,
344.824

 20, 36.102,
344.824

 10, 36.102,

344.824

0, 36.102, 344.824

80, 36.102,
344.824

80, 36.102,
344.824

74, 47.562,
345.990

86, 24.391,
343.797

69, 58.369,
347.342

92, 12.719,
342.865

64, 67.979,
348.951

99, 1.261, 341.700

61, 75.779,
350.922

100, 0.381,
201.119

58, 81.225,
353.389

■ 56, 84.074,
356.512

■ 55, 84.840,
359.881

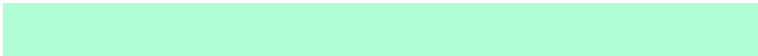
Harmonies

Complementary

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



80, 36.102, 344.824



94, 34.941, 159.099

Rectangle

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



80, 36.102, 344.824



80, 36.102, 34.824



80, 36.102, 164.824



80, 36.102, 214.824

Sweetspot

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



80, 36.099, 344.825



94, 10.316, 342.675



77, 44.280, 309.505



49, 7.180, 342.806



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, 36.099, 344.825



77, 43.054, 345.493



79, 31.005, 19.557



50, 6.521, 342.721



41, 68.691, 359.131



11, 32.203, 354.029

Inverse Universe

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



80, 36.099, 344.825



77, 43.054, 345.493



95, 25.325, 194.752



50, 6.521, 342.721



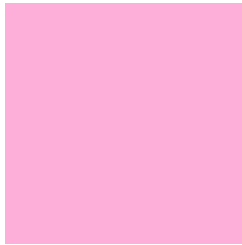
41, 68.691, 359.131



11, 32.203, 354.029

Previews

White Background



This preview shows how the CIELCh color 80, 36.102, 344.824 looks on a white background.

Color Contrast Check

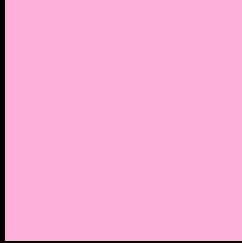
Large Text (above 18pt) WCAG AA × Fail

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, 36.102, 344.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

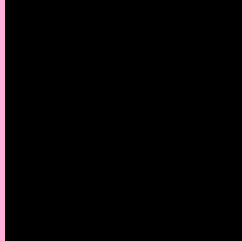
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 36.102, 344.824

Background



This preview shows how black text looks on a background with the CIELCh color 80, 36.102, 344.824.



This preview shows how white text looks on a background with the CIELCh color 80, 36.102, 344.824.

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, 36.102, 344.824

Protanopia

80, 18.163, 286.443

Deuteranopia

80, 12.989, 320.929



Tritanopia
80, 28.317, 6.862

Trichromacy



Original Color
80, 36.102, 344.824



Protanomaly
80, 21.853, 316.506



Deuteranomaly
80, 21.445, 335.234

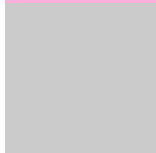


Tritanomaly
80, 30.326, 357.526

Monochromacy



Original Color
80, 36.102, 344.824



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 13.310, 343.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 36.102, 344.824 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(254, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 217)  
}
```

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(254, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 36.102, 344.824 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(254, 175, 217) }
```

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

```
.border{ border-color:rgb(254, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 36.102, 344.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 217) }
```

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

```
.background{ background-color: rgb(254,  
175, 217) }
```

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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