

Converting Colors

CIELCh(80, 26.900, 344.006)

Have a look what the booklet for
CIELCh(80, 26.900, 344.006)
contains.

CIELCh(80, 26.776, 343.939)	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, 26.776, 343.939)

Conversions

Conversions Part 1

Format	Color
Hex	F0B6D5
RGB	240, 182, 213
RGB Percent	94%, 71%, 84%
CMY	0.0595, 0.2869, 0.1653
CMYK	0.00, 0.24, 0.11, 0.06
HSL	328°, 66%, 83%
HSV	328°, 24%, 94%
XYZ	64.5619, 56.6813, 70.3792
YIQ	202.8760, 24.6170, 21.9370

Conversions

Conversions Part 2

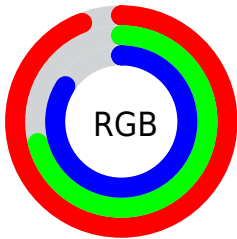
Format	Color
R _Y B	240, 182, 213
Decimal	15775445
CIE Lab	80.00, 25.73, -7.41
CIE LCh	80, 26.776, 343.939
Yxy	56.6813, 0.3369, 0.2958
Android (android.graphics.Color)	4293965525 (0xFFFF0B6D5)
YUV	202.8760, 4.9911, 32.5577
Hunter-Lab	75.2870, 21.3193, -2.7241

Details

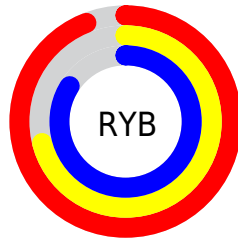
The CIELCh color $80, 26.776, 343.939$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90, 26.100, 159.708$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $60, 26.322, 344.296$ is the 20% darker color. If you saturate the color by 10%, you get $74, 37.933, 344.997$, and if you desaturate by 10%, it is $86, 15.578, 342.991$.

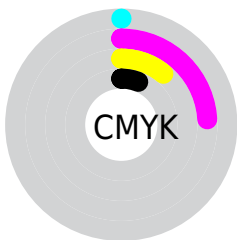
Distribution



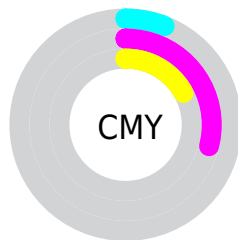
- Red (94%)
- Green (71%)
- Blue (84%)



- Red (94%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 26.776, 343.939 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, 26.776, 343.939 by changing the saturation by 10% instead.


 80, 26.776,
343.939


 80, 26.776,
343.939


 100, 26.776,
343.939


 70, 26.776,
343.939

 60, 26.776,
343.939

 50, 26.776,
343.939

 40, 26.776,
343.939

 30, 26.776,
343.939

 20, 26.776,
343.939

 10, 26.776,

343.939

0, 26.776, 343.939

80, 26.776,
343.939

80, 26.776,
343.939

74, 37.933,
344.997

86, 15.578,
342.991

69, 48.754,
346.201

92, 4.542, 342.073

64, 58.807,
347.606

98, 6.219, 161.473

99, 5.220, 199.201

60, 67.549,
349.291

56, 74.400,
351.366

■ 54, 78.897,
353.972

■ 52, 80.932,
357.266

■ 52, 81.340,
359.476

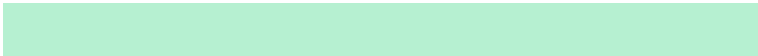
Harmonies

Complementary

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



80, 26.776, 343.939



90, 26.100, 159.708

Rectangle

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



80, 26.776, 343.939



80, 26.776, 33.939



80, 26.776, 163.939



80, 26.776, 213.939

Sweetspot

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



80, 26.773, 343.941



95, 8.021, 342.347



78, 32.475, 308.541



50, 5.215, 342.402



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, 26.773, 343.941



82, 33.816, 344.445



79, 22.426, 17.386



47, 6.209, 342.568



40, 66.708, 358.745



8, 29.799, 352.956

Inverse Universe

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



80, 26.773, 343.941



82, 33.816, 344.445



91, 19.353, 193.676



47, 6.209, 342.568



40, 66.708, 358.745



8, 29.799, 352.956

Previews

White Background



This preview shows how the CIELCh color 80, 26.776, 343.939 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, 26.776, 343.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

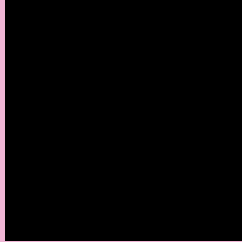
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 26.776, 343.939

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.776, 343.939.



This preview shows how white text looks on a background with the CIELCh color 80, 26.776, 343.939.

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, 21.728, 359.903

Trichromacy



Original Color
80, 26.776, 343.939

Protanomaly
80, 16.626, 316.713

Deuteranomaly
80, 17.177, 335.424

Tritanomaly
80, 23.557, 353.344

Monochromacy



Original Color
80, 26.776, 343.939

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.018, 340.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.776, 343.939 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(240, 182, 213)` looks like.

```
.text, #text, p{  
    color:rgb(240, 182, 213)  
}
```

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(240, 182, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 182, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.776, 343.939 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(240, 182, 213) }
```

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

```
.border{ border-color:rgb(240, 182, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 182, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 182, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 182, 213);  
box-shadow:4px 4px 4px 4px rgb(240, 182,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.776, 343.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 182, 213) }
```

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

```
.background{ background-color: rgb(240,  
182, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor