

Converting Colors

CIELCh(83, 26.323, 1.651)

Have a look what the booklet for
CIELCh(83, 26.323, 1.651) contains.

CIELCh(83, 26.180, 1.790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 26.180, 1.790)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDCE
RGB	255, 189, 206
RGB Percent	100%, 74%, 81%
CMY	0.0000, 0.2585, 0.1919
CMYK	0.00, 0.26, 0.19, 0.00
HSL	345°, 100%, 87%
HSV	345°, 26%, 100%
XYZ	70.6335, 62.1629, 66.7167
YIQ	210.6720, 33.8790, 19.2790

Conversions

Conversions Part 2

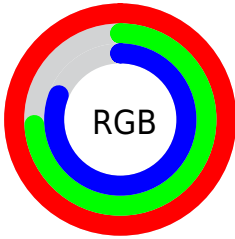
Format	Color
R _Y B	255, 189, 206
Decimal	16760270
CIE Lab	83.00, 26.17, 0.82
CIE LCh	83, 26.180, 1.790
Yxy	62.1629, 0.3540, 0.3116
Android (android.graphics.Color)	4294950350 (0xFFFFBDCE)
YUV	210.6720, -2.3033, 38.8757
Hunter-Lab	78.8435, 21.9366, 5.0197

Details

The CIELCh color **83, 26.180, 1.790** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.920, 176.451**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **63, 26.182, 1.310** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.847, 3.254**, and if you desaturate by 10%, it is **89, 15.710, 0.515**.

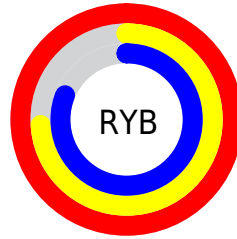
Distribution



Red (100%)

Green (74%)

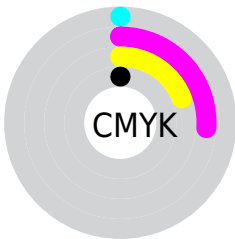
Blue (81%)



Red (100%)

Yellow (74%)

Blue (81%)

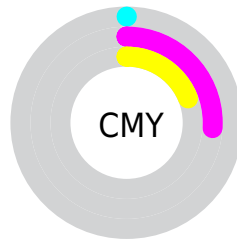


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (0%)



Cyan (0%)

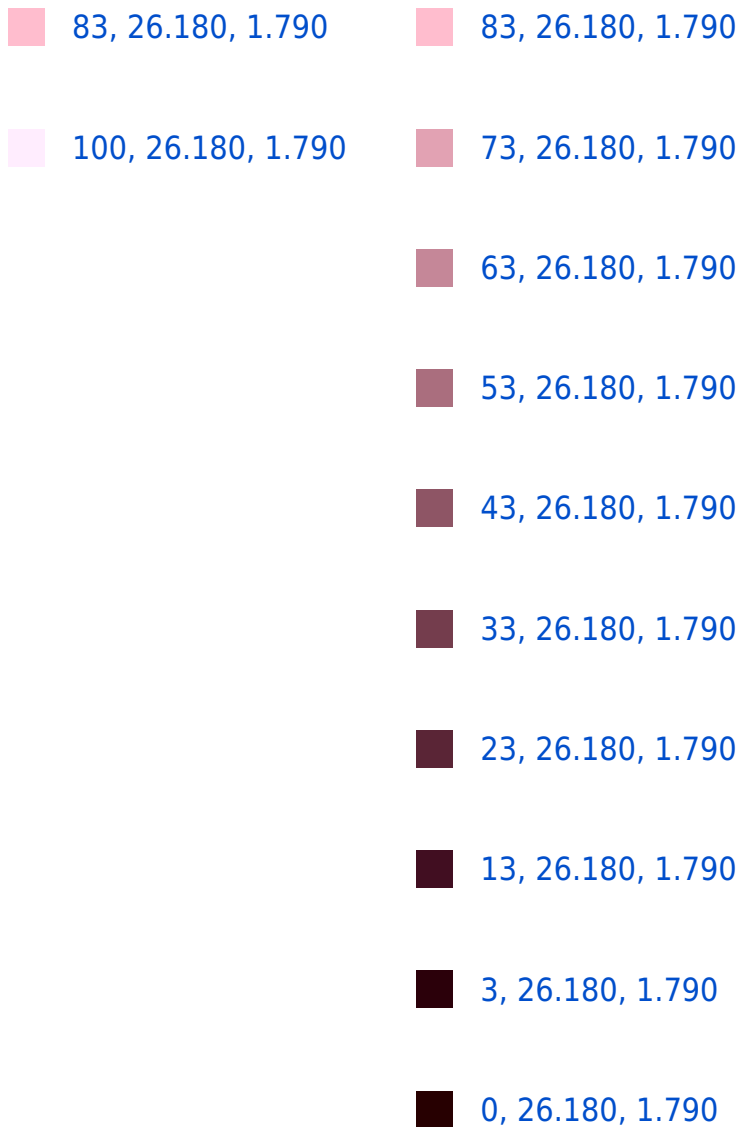
Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 26.180, 1.790 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 83, 26.180, 1.790 by changing the saturation by 10% instead.



83, 26.180, 1.790

83, 26.180, 1.790

77, 36.847, 3.254

89, 15.710, 0.515

71, 47.567, 5.068

96, 5.668, 359.396

66, 57.952, 7.327

100, 0.012,
296.813

61, 67.549, 10.184

58, 75.909, 13.812

55, 82.781, 18.342

54, 88.298, 23.732

54, 90.441, 26.045

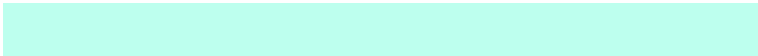
Harmonies

Complementary

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



83, 26.180, 1.790



95, 23.920, 176.451

Rectangle

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



83, 26.180, 1.790



83, 26.180, 51.790



83, 26.180, 181.790



83, 26.180, 231.790

Sweetspot

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



83, 26.148, 1.767



95, 7.789, 359.637



83, 38.617, 317.899



50, 5.555, 359.803



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 26.148, 1.767



80, 31.637, 2.498



86, 21.298, 42.669



50, 5.555, 359.803



40, 72.292, 24.963



10, 31.658, 15.516

Inverse Universe

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



83, 26.148, 1.767



80, 31.637, 2.498



92, 17.934, 224.999



50, 5.555, 359.803



40, 72.292, 24.963



10, 31.658, 15.516

Previews

White Background



This preview shows how the CIELCh color 83, 26.180, 1.790 looks on a white background.

Color Contrast Check

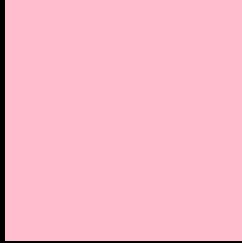
Large Text (above 18pt) WCAG AA × Fail

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 83, 26.180, 1.790 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 83, 26.180, 1.790

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.180, 1.790.

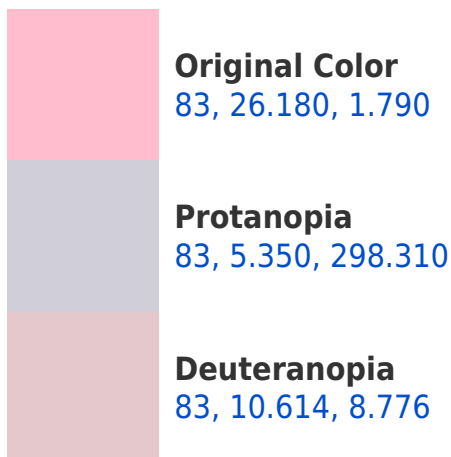



This preview shows how white text looks on a background with the CIELCh color 83, 26.180, 1.790.

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
83, 25.935, 4.015

Trichromacy



Original Color
83, 26.180, 1.790

Protanomaly
83, 11.143, 345.659

Deuteranomaly
83, 16.346, 3.923

Tritanomaly
83, 26.052, 2.897

Monochromacy



Original Color
83, 26.180, 1.790

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.390, 0.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.180, 1.790 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(255, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 206)  
}
```

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(255, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.180, 1.790 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(255, 189, 206) }
```

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

```
.border{ border-color:rgb(255, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.180, 1.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 206) }
```

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

```
.background{ background-color: rgb(255,  
189, 206) }
```

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