

Converting Colors

CIELCh(83, 20.177, 6.016)

Have a look what the booklet for
CIELCh(83, 20.177, 6.016) contains.

CIELCh(83, 20.177, 6.016)	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, 20.177, 6.016)

Conversions

Conversions Part 1

Format	Color
Hex	F5C1CB
RGB	245, 193, 203
RGB Percent	96%, 76%, 80%
CMY	0.0374, 0.2414, 0.2022
CMYK	0.00, 0.21, 0.17, 0.04
HSL	348°, 73%, 86%
HSV	348°, 21%, 96%
XYZ	67.8170, 62.1629, 65.2003
YIQ	209.6880, 27.7820, 14.1340

Conversions

Conversions Part 2

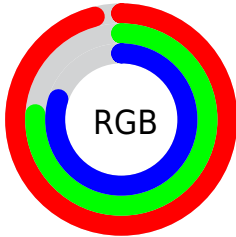
Format	Color
RYB	245, 193, 203
Decimal	16105931
CIELab	83.00, 20.07, 2.11
CIELCh	83, 20.177, 6.016
Yxy	62.1629, 0.3475, 0.3185
Android (android.graphics.Color)	4294296011 (0xFFFF5C1CB)
YUV	209.6880, -3.2972, 30.9686
Hunter-Lab	78.8435, 15.5602, 6.1601

Details

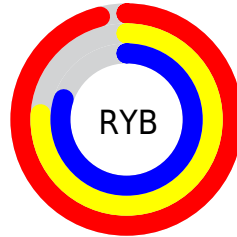
The CIELCh color **83, 20.177, 6.016** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 18.462, 181.941**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **63, 20.252, 5.706** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.387, 7.397**, and if you desaturate by 10%, it is **89, 10.381, 4.858**.

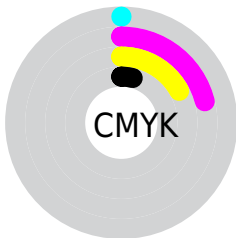
Distribution



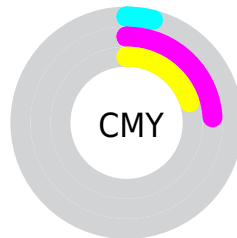
- Red (96%)
- Green (76%)
- Blue (80%)



- Red (96%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 20.177, 6.016 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, 20.177, 6.016 by changing the saturation by 10% instead.



83, 20.177, 6.016

83, 20.177, 6.016

77, 30.387, 7.397

89, 10.381, 4.858

71, 40.866, 9.079

96, 1.079, 3.402

66, 51.354, 11.177

99, 3.298, 199.397

61, 61.487, 13.831

57, 70.851, 17.199

54, 79.113, 21.403

52, 86.171, 26.404

51, 91.617, 31.067

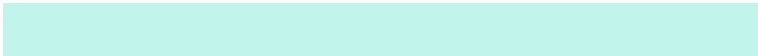
Harmonies

Complementary

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



83, 20.177, 6.016



93, 18.462, 181.941

Rectangle

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



83, 20.177, 6.016



83, 20.177, 56.016



83, 20.177, 186.016



83, 20.177, 236.016

Sweetspot

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



83, 20.175, 6.021



96, 5.661, 4.291



83, 31.110, 319.754



51, 3.761, 4.364



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, 20.175, 6.021



83, 24.777, 6.522



86, 16.218, 50.204



48, 5.236, 4.672



39, 73.757, 30.064



9, 30.029, 17.078

Inverse Universe

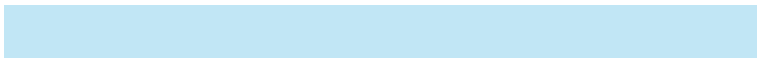
The Inverse Universe completely reimagines the original color for something new.



83, 20.175, 6.021



83, 24.777, 6.522



89, 14.332, 233.470



48, 5.236, 4.672



39, 73.757, 30.064



9, 30.029, 17.078

Previews

White Background



This preview shows how the CIELCh color 83, 20.177, 6.016 looks on a white background.

Color Contrast Check

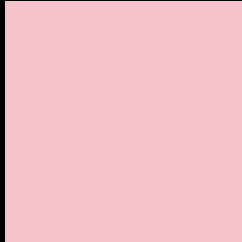
Large Text (above 18pt) WCAG AA × Fail

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, 20.177, 6.016 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, 20.177, 6.016

Background



This preview shows how black text looks on a background with the CIELCh color 83, 20.177, 6.016.



This preview shows how white text looks on a background with the CIELCh color 83, 20.177, 6.016.

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

83, 20.177, 6.016

Protanopia

83, 3.035, 318.844

Deuteranopia

83, 10.869, 14.666



Tritanopia
83, 21.194, 359.390

Trichromacy



Original Color
83, 20.177, 6.016

Protanomaly
83, 8.905, 355.595

Deuteranomaly
83, 14.069, 9.757

Tritanomaly
83, 20.896, 2.112

Monochromacy



Original Color
83, 20.177, 6.016

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.305, 3.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 20.177, 6.016 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(245, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 193, 203)  
}
```

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(245, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 193, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 20.177, 6.016 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(245, 193, 203) }
```

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

```
.border{ border-color:rgb(245, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 193,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 20.177, 6.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 193, 203) }
```

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

```
.background{ background-color: rgb(245,  
193, 203) }
```

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