

Converting Colors

CIELCh(83, 20.787, 2.512)

Have a look what the booklet for
CIELCh(83, 20.787, 2.512) contains.

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Color

CIELCh(83, 20.896, 2.112)

Conversions

Conversions Part 1

Format	Color
Hex	F6C1CE
RGB	246, 193, 206
RGB Percent	96%, 76%, 81%
CMY	0.0355, 0.2433, 0.1923
CMYK	0.00, 0.22, 0.16, 0.04
HSL	345°, 75%, 86%
HSV	345°, 22%, 96%
XYZ	68.1893, 62.1629, 66.7729
YIQ	210.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

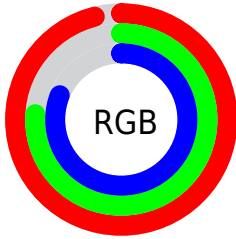
Format	Color
R _Y B	246, 193, 206
Decimal	16171470
CIE Lab	83.00, 20.88, 0.77
CIE LCh	83, 20.896, 2.112
Yxy	62.1629, 0.3459, 0.3153
Android (android.graphics.Color)	4294361550 (0xFFFF6C1CE)
YUV	210.3290, -2.1342, 31.2835
Hunter-Lab	78.8435, 16.4029, 4.9775

Details

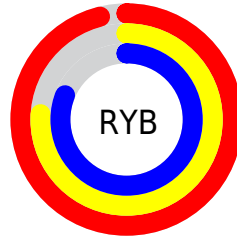
The CIELCh color **83, 20.896, 2.112** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 19.357, 177.841**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **63, 21.003, 1.627** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.177, 3.494**, and if you desaturate by 10%, it is **89, 10.948, 0.941**.

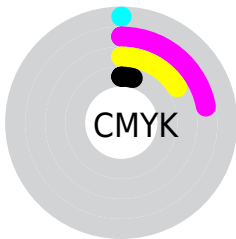
Distribution



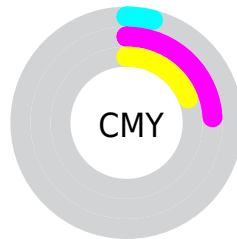
- Red (96%)
- Green (76%)
- Blue (81%)



- Red (96%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 20.896, 2.112 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, 20.896, 2.112 by changing the saturation by 10% instead.



83, 20.896, 2.112

83, 20.896, 2.112

77, 31.177, 3.494

89, 10.948, 0.941

71, 41.620, 5.160

96, 1.434, 359.605

66, 51.933, 7.221

99, 3.128, 199.419

61, 61.718, 9.816

57, 70.530, 13.109

54, 78.022, 17.256

53, 84.139, 22.296

52, 88.613, 26.975

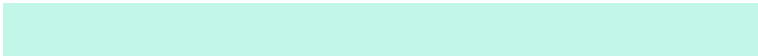
Harmonies

Complementary

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



83, 20.896, 2.112



93, 19.357, 177.841

Rectangle

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



83, 20.896, 2.112



83, 20.896, 52.112



83, 20.896, 182.112



83, 20.896, 232.112

Sweetspot

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



83, 20.893, 2.116



96, 5.782, 0.328



83, 31.295, 318.227



51, 3.841, 0.403



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, 20.893, 2.116



83, 26.199, 2.707



86, 16.805, 44.563



48, 5.342, 0.714



39, 71.320, 25.903



9, 29.832, 14.439

Inverse Universe

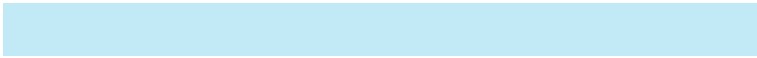
The Inverse Universe completely reimagines the original color for something new.



83, 20.893, 2.116



83, 26.199, 2.707



90, 14.652, 226.842



48, 5.342, 0.714



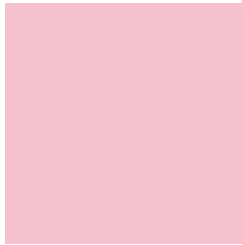
39, 71.320, 25.903



9, 29.832, 14.439

Previews

White Background



This preview shows how the CIELCh color 83, 20.896, 2.112 looks on a white background.

Color Contrast Check

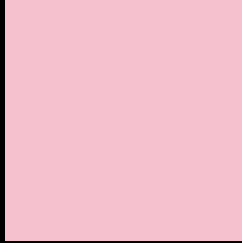
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 83, 20.896, 2.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

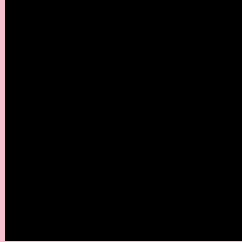
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 20.896, 2.112

Background



This preview shows how black text looks on a background with the CIELCh color 83, 20.896, 2.112.



This preview shows how white text looks on a background with the CIELCh color 83, 20.896, 2.112.

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, 20.896, 2.112

Protanopia

83, 3.875, 306.664

Deuteranopia

83, 10.714, 6.012



Tritanopia
83, 21.194, 359.390

Trichromacy



Original Color
83, 20.896, 2.112

Protanomaly
83, 9.060, 348.481

Deuteranomaly
83, 14.752, 4.030

Tritanomaly
83, 21.039, 0.741

Monochromacy



Original Color
83, 20.896, 2.112

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.467, 359.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 20.896, 2.112 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(246, 193, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 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(246, 193, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 20.896, 2.112 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(246, 193, 206) }
```

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

```
.border{ border-color:rgb(246, 193, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 20.896, 2.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 206) }
```

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

```
.background{ background-color: rgb(246,  
193, 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](#).

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