

Converting Colors

CIELCh(83, 17.099, 8.824)

Have a look what the booklet for
CIELCh(83, 17.099, 8.824) contains.

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Color

CIELCh(83, 16.799, 9.957)

Conversions

Conversions Part 1

Format	Color
Hex	F0C4CA
RGB	240, 196, 202
RGB Percent	94%, 77%, 79%
CMY	0.0595, 0.2320, 0.2085
CMYK	0.00, 0.18, 0.16, 0.06
HSL	352°, 59%, 85%
HSV	352°, 18%, 94%
XYZ	66.2268, 62.1629, 64.2879
YIQ	209.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

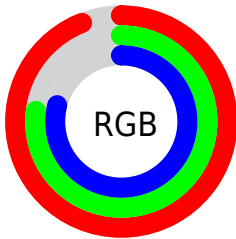
Format	Color
R _Y B	240, 196, 202
Decimal	15779018
CIE Lab	83.00, 16.55, 2.90
CIE LCh	83, 16.799, 9.957
Yxy	62.1629, 0.3437, 0.3226
Android (android.graphics.Color)	4293969098 (0xFFFF0C4CA)
YUV	209.8400, -3.8651, 26.4503
Hunter-Lab	78.8435, 11.9600, 6.8462

Details

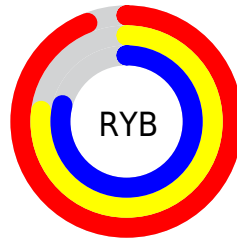
The CIELCh color **83, 16.799, 9.957** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 15.368, 186.723**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **63, 16.674, 9.628** is the 20% darker color. If you saturate the color by 10%, you get **77, 26.699, 11.237**, and if you desaturate by 10%, it is **89, 7.411, 8.881**.

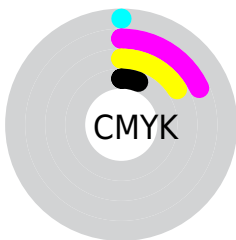
Distribution



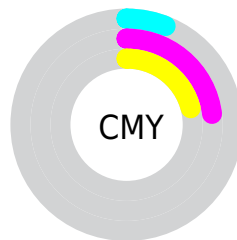
- Red (94%)
- Green (77%)
- Blue (79%)



- Red (94%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 16.799, 9.957 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, 16.799, 9.957 by changing the saturation by 10% instead.



83, 16.799, 9.957

83, 16.799, 9.957

77, 26.699, 11.237

89, 7.411, 8.881

71, 37.018, 12.804

96, 1.424, 188.520

66, 47.557, 14.771

99, 5.217, 199.202

61, 58.020, 17.269

57, 68.031, 20.441

53, 77.234, 24.391

51, 85.385, 29.051

50, 92.319, 33.933

50, 93.388, 34.647

Harmonies

Complementary

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



83, 16.799, 9.957



92, 15.368, 186.723

Rectangle

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



83, 16.799, 9.957



83, 16.799, 59.957



83, 16.799, 189.957



83, 16.799, 239.957

Sweetspot

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



83, 16.797, 9.963



96, 5.563, 8.634



83, 26.732, 321.130



51, 3.697, 8.705



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, 16.797, 9.963



85, 21.406, 10.410



87, 13.553, 56.181



47, 5.064, 8.999



38, 75.718, 33.783



8, 29.208, 18.255

Inverse Universe

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



83, 16.797, 9.963



85, 21.406, 10.410



88, 12.348, 239.752



47, 5.064, 8.999



38, 75.718, 33.783



8, 29.208, 18.255

Previews

White Background



This preview shows how the CIELCh color 83, 16.799, 9.957 looks on a white background.

Color Contrast Check

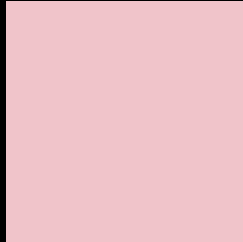
Large Text (above 18pt) WCAG AA × Fail

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, 16.799, 9.957 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, 16.799, 9.957

Background



This preview shows how black text looks on a background with the CIELCh color 83, 16.799, 9.957.



This preview shows how white text looks on a background with the CIELCh color 83, 16.799, 9.957.

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, 16.799, 9.957

Protanopia

83, 1.813, 343.573

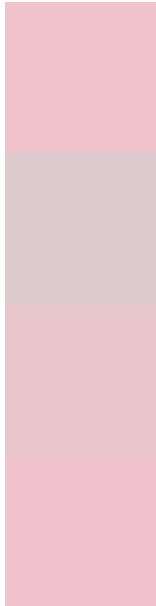
Deuteranopia

83, 10.851, 17.428



Tritanopia
83, 18.738, 356.091

Trichromacy



Original Color
83, 16.799, 9.957

Protanomaly
83, 7.319, 3.184

Deuteranomaly
83, 13.203, 13.569

Tritanomaly
83, 18.216, 0.673

Monochromacy



Original Color
83, 16.799, 9.957

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.982, 9.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 16.799, 9.957 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, 196, 202)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 202)  
}
```

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, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 16.799, 9.957 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, 196, 202) }
```

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

```
.border{ border-color:rgb(240, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 16.799, 9.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 202) }
```

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

```
.background{ background-color: rgb(240,  
196, 202) }
```

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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