

Converting Colors

CIELCh(83, 16.360, 20.650)

Have a look what the booklet for
CIELCh(83, 16.360, 20.650) contains.

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Color

CIELCh(83, 16.702, 20.688)

Conversions

Conversions Part 1

Format	Color
Hex	F0C4C4
RGB	240, 196, 196
RGB Percent	94%, 77%, 77%
CMY	0.0578, 0.2304, 0.2304
CMYK	0.00, 0.18, 0.18, 0.06
HSL	0°, 60%, 86%
HSV	0°, 18%, 94%
XYZ	65.8149, 62.1629, 60.9055
YIQ	209.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

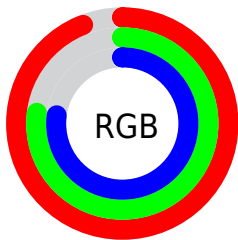
Format	Color
R _Y B	240, 196, 196
Decimal	15779012
CIE Lab	83.00, 15.63, 5.90
CIE LCh	83, 16.702, 20.688
Yxy	62.1629, 0.3484, 0.3291
Android (android.graphics.Color)	4293969092 (0xFFFF0C4C4)
YUV	209.1560, -6.4859, 27.0502
Hunter-Lab	78.8435, 11.0274, 9.3898

Details

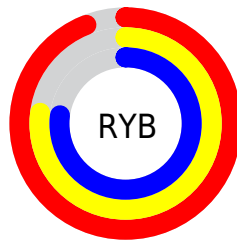
The CIELCh color **83, 16.702, 20.688** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.805, 198.485**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 0.701, 18.511**, and **63, 16.613, 21.044** is the 20% darker color. If you saturate the color by 10%, you get **77, 26.836, 21.740**, and if you desaturate by 10%, it is **89, 7.288, 19.855**.

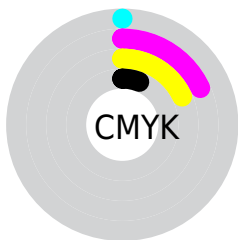
Distribution



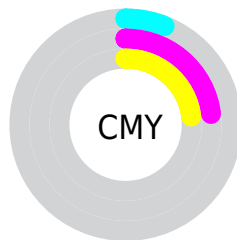
- Red (94%)
- Green (77%)
- Blue (77%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 16.702, 20.688 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, 16.702, 20.688 by changing the saturation by 10% instead.

 83, 16.702, 20.688

 83, 16.702, 20.688

 100, 16.702,
20.688

 73, 16.702, 20.688

 63, 16.702, 20.688

 53, 16.702, 20.688

 43, 16.702, 20.688

 33, 16.702, 20.688

 23, 16.702, 20.688

 13, 16.702, 20.688

 3, 16.702, 20.688

 0, 16.702, 20.688

83, 16.702, 20.688

83, 16.702, 20.688

77, 26.836, 21.740

89, 7.288, 19.855

71, 37.650, 23.097

96, 1.415, 199.775

65, 49.011, 24.873

99, 5.072, 199.214

60, 60.675, 27.182

56, 72.277, 30.103

53, 83.306, 33.568

51, 92.835, 37.105

50, 99.076, 39.631

50, 99.966, 40.001

Harmonies

Complementary

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



83, 16.702, 20.688



92, 14.805, 198.485

Rectangle

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



83, 16.702, 20.688



83, 16.702, 70.688



83, 16.702, 200.688



83, 16.702, 250.688

Sweetspot

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



83, 16.700, 20.696



97, 4.538, 19.576



84, 27.904, 325.441



51, 3.105, 19.640



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

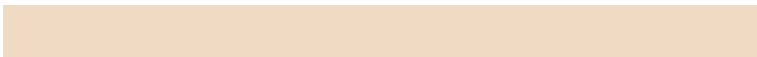
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 16.700, 20.696



85, 21.361, 21.057



88, 14.186, 73.127



47, 4.992, 19.947



38, 81.701, 39.996



8, 29.834, 23.812

Inverse Universe

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



92, 14.805, 198.485



96, 18.434, 198.296



86, 13.520, 258.046



49, 4.701, 198.976



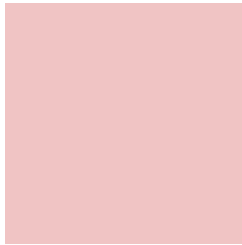
68, 39.151, 196.403



21, 17.091, 196.401

Previews

White Background



This preview shows how the CIELCh color 83, 16.702, 20.688 looks on a white background.

Color Contrast Check

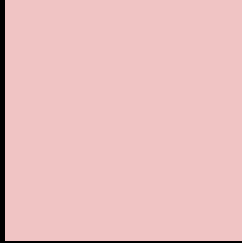
Large Text (above 18pt) WCAG AA × Fail

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, 16.702, 20.688 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, 16.702, 20.688

Background



This preview shows how black text looks on a background with the CIELCh color 83, 16.702, 20.688.



This preview shows how white text looks on a background with the CIELCh color 83, 16.702, 20.688.

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, 16.702, 20.688

Protanopia

83, 3.034, 63.265

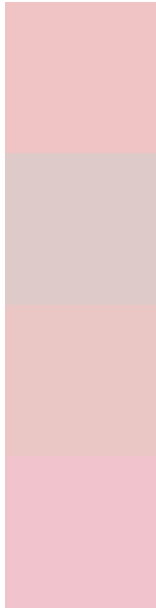
Deuteranopia

83, 11.904, 30.374



Tritanopia
83, 19.439, 357.112

Trichromacy



Original Color
83, 16.702, 20.688

Protanomaly
83, 7.522, 27.921

Deuteranomaly
83, 13.346, 27.128

Tritanomaly
83, 17.824, 5.498

Monochromacy



Original Color
83, 16.702, 20.688

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 5.908, 19.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 16.702, 20.688 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, 196)` looks like.

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

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, 196) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 83, 16.702, 20.688 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, 196) }
```

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

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

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, 196)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 83, 16.702, 20.688 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, 196) }
```

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

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

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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