

Converting Colors

CIELCh(83, 15.324, 18.056)

Have a look what the booklet for
CIELCh(83, 15.324, 18.056) contains.

CIELCh(83, 15.496, 18.658)	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, 15.496, 18.658)

Conversions

Conversions Part 1

Format	Color
Hex	EEC5C6
RGB	238, 197, 198
RGB Percent	93%, 77%, 78%
CMY	0.0668, 0.2276, 0.2237
CMYK	0.00, 0.17, 0.17, 0.07
HSL	359°, 55%, 85%
HSV	359°, 17%, 93%
XYZ	65.3947, 62.1629, 61.9571
YIQ	209.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

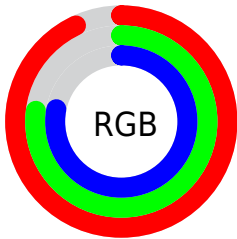
Format	Color
R _Y B	238, 197, 198
Decimal	15648198
CIE Lab	83.00, 14.68, 4.96
CIE LCh	83, 15.496, 18.658
Yxy	62.1629, 0.3451, 0.3280
Android (android.graphics.Color)	4293838278 (0xFFEEC5C6)
YUV	209.3730, -5.6069, 25.1059
Hunter-Lab	78.8435, 10.0761, 8.5990

Details

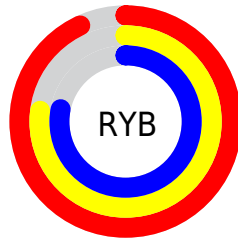
The CIELCh color **83, 15.496, 18.658** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 13.914, 196.390**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **63, 15.724, 18.943** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.413, 19.739**, and if you desaturate by 10%, it is **89, 6.257, 17.778**.

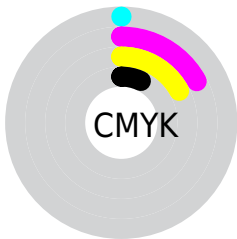
Distribution



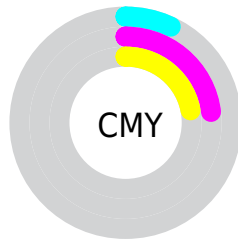
- Red (93%)
- Green (77%)
- Blue (78%)



- Red (93%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 15.496, 18.658 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, 15.496, 18.658 by changing the saturation by 10% instead.

 83, 15.496, 18.658

 83, 15.496, 18.658

 100, 15.496,
18.658

 73, 15.496, 18.658

 63, 15.496, 18.658

 53, 15.496, 18.658

 43, 15.496, 18.658

 33, 15.496, 18.658

 23, 15.496, 18.658

 13, 15.496, 18.658

 3, 15.496, 18.658

 0, 15.496, 18.658

83, 15.496, 18.658

83, 15.496, 18.658

77, 25.413, 19.739

89, 6.257, 17.778

71, 35.969, 21.112

96, 2.309, 197.492

65, 47.030, 22.890

99, 5.852, 199.148

60, 58.360, 25.192

56, 69.617, 28.118

53, 80.362, 31.665

51, 89.933, 35.514

50, 96.902, 38.710

50, 98.262, 39.275

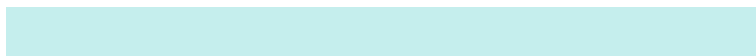
Harmonies

Complementary

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



83, 15.496, 18.658



91, 13.914, 196.390

Rectangle

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



83, 15.496, 18.658



83, 15.496, 68.658



83, 15.496, 198.658



83, 15.496, 248.658

Sweetspot

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



83, 15.494, 18.666



97, 4.541, 17.575



84, 25.775, 324.451



51, 3.106, 17.643



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, 15.494, 18.666



86, 20.269, 19.050



88, 12.971, 69.654



47, 4.992, 17.973



38, 80.609, 39.006



8, 29.705, 22.834

Inverse Universe

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



83, 15.494, 18.666



86, 20.269, 19.050



86, 12.283, 254.101



47, 4.992, 17.973



38, 80.609, 39.006



8, 29.705, 22.834

Previews

White Background



This preview shows how the CIELCh color 83, 15.496, 18.658 looks on a white background.

Color Contrast Check

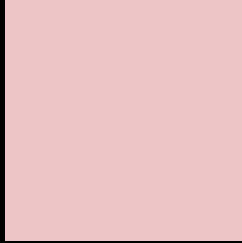
Large Text (above 18pt) WCAG AA × Fail

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, 15.496, 18.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

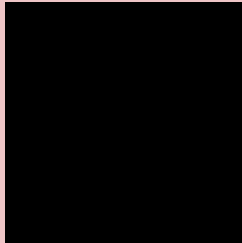
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 15.496, 18.658

Background



This preview shows how black text looks on a background with the CIELCh color 83, 15.496, 18.658.



This preview shows how white text looks on a background with the CIELCh color 83, 15.496, 18.658.

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, 15.496, 18.658

Protanopia

83, 2.406, 60.294

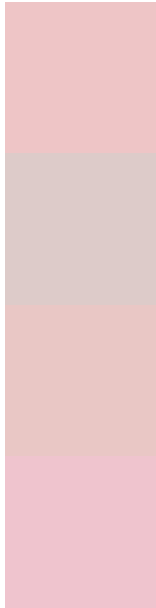
Deuteranopia

83, 11.416, 28.126



Tritanopia
83, 18.062, 355.009

Trichromacy



Original Color
83, 15.496, 18.658

Protanomaly
83, 6.766, 28.755

Deuteranomaly
83, 12.881, 25.009

Tritanomaly
83, 16.838, 2.608

Monochromacy



Original Color
83, 15.496, 18.658

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.529, 19.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 15.496, 18.658 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(238, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(238, 197, 198)  
}
```

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(238, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 197, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 15.496, 18.658 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(238, 197, 198) }
```

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

```
.border{ border-color:rgb(238, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(238, 197,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 15.496, 18.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 197, 198) }
```

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

```
.background{ background-color: rgb(238,  
197, 198) }
```

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