

Converting Colors

CIELCh(83, 17.864, 356.551)

Have a look what the booklet for
CIELCh(83, 17.864, 356.551)
contains.

CIELCh(83, 17.864, 356.551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 17.864, 356.551)

Conversions

Conversions Part 1

Format	Color
Hex	EFC3D1
RGB	239, 195, 209
RGB Percent	94%, 76%, 82%
CMY	0.0617, 0.2342, 0.1793
CMYK	0.00, 0.18, 0.13, 0.06
HSL	341°, 58%, 85%
HSV	341°, 18%, 94%
XYZ	66.8047, 62.1629, 68.9714
YIQ	209.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

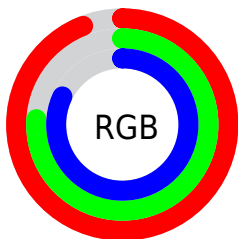
Format	Color
R _Y B	239, 195, 209
Decimal	15713233
CIE Lab	83.00, 17.83, -1.07
CIE LCh	83, 17.864, 356.551
Yxy	62.1629, 0.3375, 0.3141
Android (android.graphics.Color)	4293903313 (0xFFEFC3D1)
YUV	209.7520, -0.3707, 25.6505
Hunter-Lab	78.8435, 13.2684, 3.3242

Details

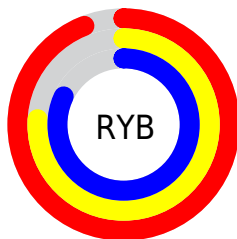
The CIELCh color **83, 17.864, 356.551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 16.990, 172.991**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **63, 18.177, 356.014** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.005, 357.814**, and if you desaturate by 10%, it is **89, 7.998, 355.446**.

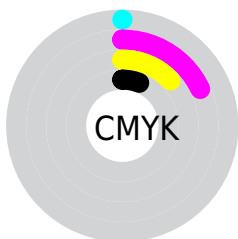
Distribution



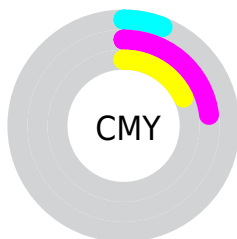
- Red (94%)
- Green (76%)
- Blue (82%)



- Red (94%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 17.864, 356.551 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, 17.864, 356.551 by changing the saturation by 10% instead.


 83, 17.864,
356.551


 83, 17.864,
356.551


 100, 17.864,
356.551


 73, 17.864,
356.551

 63, 17.864,
356.551

 53, 17.864,
356.551

 43, 17.864,
356.551

 33, 17.864,
356.551

 23, 17.864,
356.551

 13, 17.864,

356.551

■ 3, 17.864, 356.551

■ 0, 17.864, 356.551

■ 83, 17.864,
356.551

■ 83, 17.864,
356.551

■ 77, 28.005,
357.814

■ 89, 7.998, 355.446

■ 71, 38.257,
359.302

■ 96, 1.493, 174.940

■ 99, 5.408, 199.185

■ 66, 48.338, 1.104

■ 61, 57.855, 3.337

■ 57, 66.334, 6.154

■ 54, 73.338, 9.735

■ 52, 78.673, 14.231

■ 51, 82.651, 19.606

■ 51, 83.290, 20.481

Harmonies

Complementary

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



83, 17.864, 356.551



91, 16.990, 172.991

Rectangle

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



83, 17.864, 356.551



83, 17.864, 46.551



83, 17.864, 176.551



83, 17.864, 226.551

Sweetspot

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



83, 17.861, 356.555



96, 5.993, 355.186



83, 25.544, 315.446



51, 3.980, 355.259



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, 17.861, 356.555



86, 22.637, 356.997



84, 14.495, 35.675



47, 5.435, 355.563



39, 67.943, 19.432



8, 28.763, 9.177

Inverse Universe

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



83, 17.861, 356.555



86, 22.637, 356.997



90, 12.809, 216.075



47, 5.435, 355.563



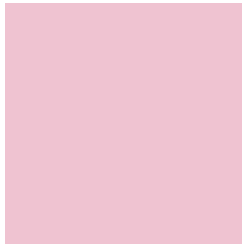
39, 67.943, 19.432



8, 28.763, 9.177

Previews

White Background



This preview shows how the CIELCh color 83, 17.864, 356.551 looks on a white background.

Color Contrast Check

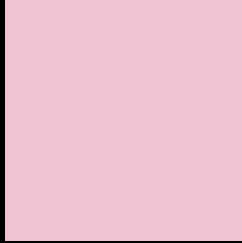
Large Text (above 18pt) WCAG AA × Fail

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, 17.864, 356.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

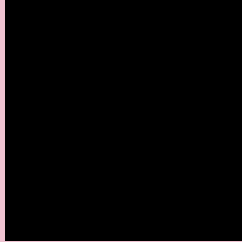
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 17.864, 356.551

Background



This preview shows how black text looks on a background with the CIELCh color 83, 17.864, 356.551.



This preview shows how white text looks on a background with the CIELCh color 83, 17.864, 356.551.

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, 17.864, 356.551

Protanopia

83, 4.827, 299.119

Deuteranopia

83, 10.476, 356.492



Tritanopia
83, 18.062, 355.009

Trichromacy



Original Color
83, 17.864, 356.551

Protanomaly
83, 8.517, 337.021

Deuteranomaly
83, 13.285, 357.122

Tritanomaly
83, 18.062, 355.009

Monochromacy



Original Color
83, 17.864, 356.551

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.435, 355.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 17.864, 356.551 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(239, 195, 209)` looks like.

```
.text, #text, p{  
    color:rgb(239, 195, 209)  
}
```

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(239, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 195, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 17.864, 356.551 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(239, 195, 209) }
```

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

```
.border{ border-color:rgb(239, 195, 209) }
```

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

Here you see how a box with a 4 pixel rgb(239, 195, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(239, 195,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 17.864, 356.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 195, 209) }
```

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

```
.background{ background-color: rgb(239,  
195, 209) }
```

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