

Converting Colors

CIELCh(83, 17.607, 45.025)

Have a look what the booklet for
CIELCh(83, 17.607, 45.025) contains.

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Color

CIELCh(83, 17.607, 45.025)

Conversions

Conversions Part 1

Format	Color
Hex	EFC6B8
RGB	239, 198, 184
RGB Percent	94%, 78%, 72%
CMY	0.0630, 0.2237, 0.2786
CMYK	0.00, 0.17, 0.23, 0.06
HSL	15°, 63%, 83%
HSV	15°, 23%, 94%
XYZ	64.4055, 62.1629, 53.9226
YIQ	208.6630, 28.9300, 4.3380

Conversions

Conversions Part 2

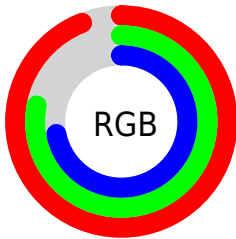
Format	Color
R _Y B	239, 203, 184
Decimal	15713976
CIE Lab	83.00, 12.44, 12.46
CIE LCh	83, 17.607, 45.025
Yxy	62.1629, 0.3568, 0.3444
Android (android.graphics.Color)	4293904056 (0xFFEFC6B8)
YUV	208.6630, -12.1589, 26.6055
Hunter-Lab	78.8435, 7.8365, 14.6408

Details

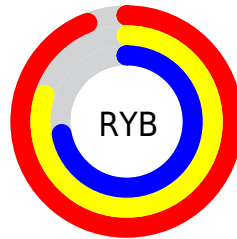
The CIELCh color **83, 17.607, 45.025** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 15.209, 227.583**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **63, 17.501, 44.949** is the 20% darker color. If you saturate the color by 10%, you get **78, 26.313, 44.812**, and if you desaturate by 10%, it is **88, 9.562, 45.350**.

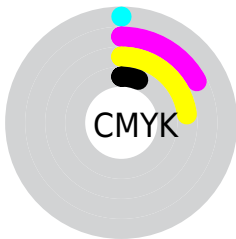
Distribution



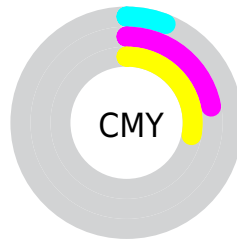
- Red (94%)
- Green (78%)
- Blue (72%)



- Red (94%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 17.607, 45.025 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, 17.607, 45.025 by changing the saturation by 10% instead.

 83, 17.607, 45.025

 83, 17.607, 45.025

 100, 17.607,
45.025

 73, 17.607, 45.025

 63, 17.607, 45.025

 53, 17.607, 45.025

 43, 17.607, 45.025

 33, 17.607, 45.025

 23, 17.607, 45.025

 13, 17.607, 45.025

 3, 17.607, 45.025

 0, 17.607, 45.025

83, 17.607, 45.025

83, 17.607, 45.025

78, 26.313, 44.812

88, 9.562, 45.350

74, 35.716, 44.725

93, 2.128, 45.558

69, 45.806, 44.799

98, 4.628, 222.830

65, 56.496, 45.043

99, 5.521, 199.176

61, 67.541, 45.409

58, 78.359, 45.719

55, 87.679, 45.516

54, 92.679, 44.961

Harmonies

Complementary

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



83, 17.607, 45.025



87, 15.209, 227.583

Rectangle

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



83, 17.607, 45.025



83, 17.607, 95.025



83, 17.607, 225.025



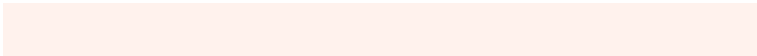
83, 17.607, 275.025

Sweetspot

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



83, 17.606, 45.034



96, 5.292, 45.541



81, 29.399, 333.883



51, 3.447, 45.524



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, 17.606, 45.034



85, 23.053, 44.907



90, 21.965, 94.431



48, 4.126, 45.468



41, 75.609, 45.446



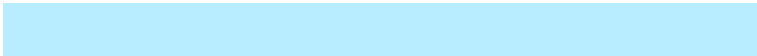
10, 25.429, 38.689

Inverse Universe

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



87, 15.209, 227.583



91, 19.196, 228.081



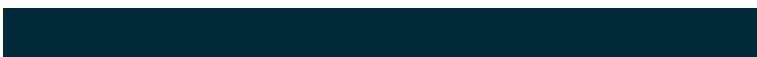
80, 22.312, 280.447



49, 3.903, 226.592



53, 35.931, 247.177



15, 15.165, 239.723

Previews

White Background



This preview shows how the CIELCh color 83, 17.607, 45.025 looks on a white background.

Color Contrast Check

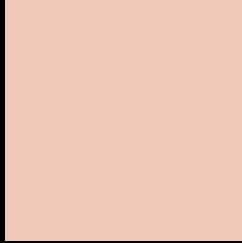
Large Text (above 18pt) WCAG AA × Fail

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, 17.607, 45.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

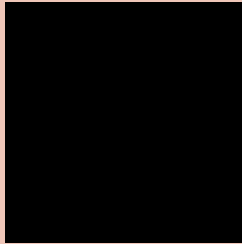
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 17.607, 45.025

Background



This preview shows how black text looks on a background with the CIELCh color 83, 17.607, 45.025.



This preview shows how white text looks on a background with the CIELCh color 83, 17.607, 45.025.

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, 17.607, 45.025

Protanopia

83, 10.057, 89.534

Deuteranopia

83, 16.083, 49.510



Tritanopia
83, 19.439, 357.112

Trichromacy



Original Color
83, 17.607, 45.025

Protanomaly
83, 11.649, 65.906

Deuteranomaly
83, 16.431, 48.852

Tritanomaly
83, 17.518, 12.204

Monochromacy



Original Color
83, 17.607, 45.025

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 6.157, 44.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 17.607, 45.025 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, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(239, 198, 184)  
}
```

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, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 198, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 17.607, 45.025 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, 198, 184) }
```

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

```
.border{ border-color:rgb(239, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 198, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 198, 184); box-shadow:4px 4px 4px 4px rgb(239, 198, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 17.607, 45.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 198, 184) }
```

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

```
.background{ background-color: rgb(239,  
198, 184) }
```

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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