

Converting Colors

CIELCh(83, 17.713, 48.255)

Have a look what the booklet for
CIELCh(83, 17.713, 48.255) contains.

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Color

CIELCh(83, 17.510, 47.038)

Conversions

Conversions Part 1

Format	Color
Hex	EEC6B7
RGB	238, 198, 183
RGB Percent	93%, 78%, 72%
CMY	0.0656, 0.2225, 0.2813
CMYK	0.00, 0.17, 0.23, 0.07
HSL	16°, 62%, 83%
HSV	16°, 23%, 93%
XYZ	64.1808, 62.1629, 53.5570
YIQ	208.2500, 28.6550, 3.8150

Conversions

Conversions Part 2

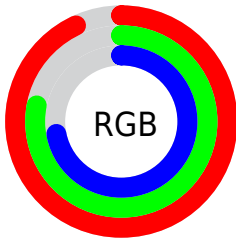
Format	Color
R _Y B	238, 204, 183
Decimal	15648439
CIE Lab	83.00, 11.93, 12.81
CIE LCh	83, 17.510, 47.038
Yxy	62.1629, 0.3568, 0.3455
Android (android.graphics.Color)	4293838519 (0xFFEEC6B7)
YUV	208.2500, -12.4482, 26.0908
Hunter-Lab	78.8435, 7.3278, 14.9158

Details

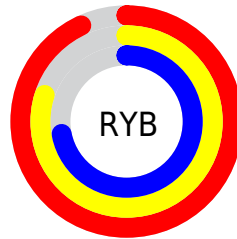
The CIELCh color **83, 17.510, 47.038** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 15.179, 230.023**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **63, 17.398, 47.069** is the 20% darker color. If you saturate the color by 10%, you get **78, 26.127, 46.720**, and if you desaturate by 10%, it is **88, 9.539, 47.458**.

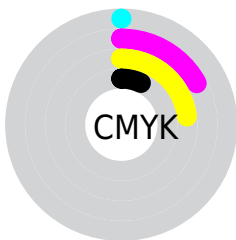
Distribution



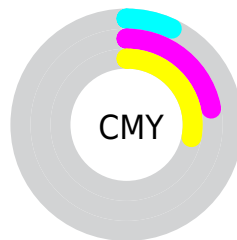
- Red (93%)
- Green (78%)
- Blue (72%)



- Red (93%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 17.510, 47.038 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, 17.510, 47.038 by changing the saturation by 10% instead.

 83, 17.510, 47.038

 83, 17.510, 47.038

 100, 17.510,
47.038

 73, 17.510, 47.038

 63, 17.510, 47.038

 53, 17.510, 47.038

 43, 17.510, 47.038

 33, 17.510, 47.038

 23, 17.510, 47.038

 13, 17.510, 47.038

 3, 17.510, 47.038

 0, 17.510, 47.038

83, 17.510, 47.038

83, 17.510, 47.038

78, 26.127, 46.720

88, 9.539, 47.458

74, 35.426, 46.514

93, 2.163, 47.760

69, 45.398, 46.453

98, 4.677, 228.727

65, 55.961, 46.539

99, 5.747, 199.157

62, 66.871, 46.723

58, 77.546, 46.823

56, 86.734, 46.392

54, 91.645, 45.695

Harmonies

Complementary

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



83, 17.510, 47.038



87, 15.179, 230.023

Rectangle

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



83, 17.510, 47.038



83, 17.510, 97.038



83, 17.510, 227.038



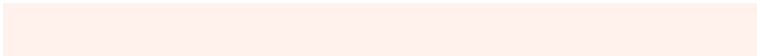
83, 17.510, 277.038

Sweetspot

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



83, 17.509, 47.047



96, 5.263, 47.705



80, 29.086, 334.550



51, 3.428, 47.684



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

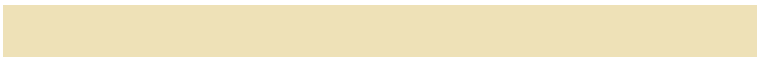
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 17.509, 47.047



86, 22.892, 46.870



90, 22.345, 95.555



48, 4.102, 47.611



42, 74.921, 46.202



11, 25.181, 40.026

Inverse Universe

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



87, 15.179, 230.023



90, 19.157, 230.570



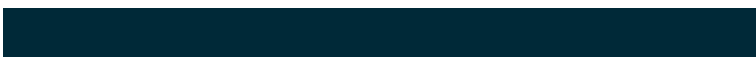
80, 22.780, 281.516



48, 3.887, 228.893



52, 36.758, 250.851



15, 15.365, 243.064

Previews

White Background



This preview shows how the CIELCh color 83, 17.510, 47.038 looks on a white background.

Color Contrast Check

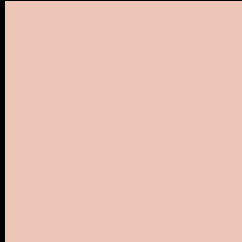
Large Text (above 18pt) WCAG AA × Fail

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, 17.510, 47.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

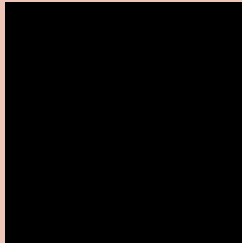
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 17.510, 47.038

Background



This preview shows how black text looks on a background with the CIELCh color 83, 17.510, 47.038.



This preview shows how white text looks on a background with the CIELCh color 83, 17.510, 47.038.

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, 17.510, 47.038

Protanopia

83, 10.556, 90.426

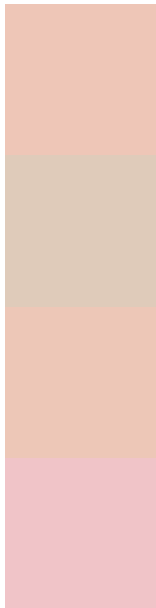
Deuteranopia

83, 16.720, 50.354



Tritanopia
83, 19.097, 356.614

Trichromacy



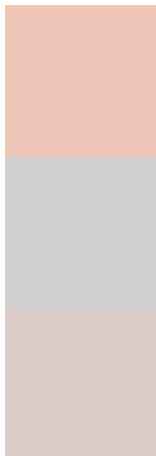
Original Color
83, 17.510, 47.038

Protanomaly
83, 11.790, 68.938

Deuteranomaly
83, 17.066, 49.702

Tritanomaly
83, 16.698, 13.515

Monochromacy



Original Color
83, 17.510, 47.038

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, 17.510, 47.038 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, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 183)  
}
```

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, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 17.510, 47.038 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, 198, 183) }
```

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

```
.border{ border-color:rgb(238, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 198, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 198, 183); box-shadow:4px 4px 4px 4px rgb(238, 198, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 17.510, 47.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 183) }
```

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

```
.background{ background-color: rgb(238,  
198, 183) }
```

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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