

Converting Colors

CIELCh(83, 19.111, 64.901)

Have a look what the booklet for
CIELCh(83, 19.111, 64.901) contains.

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Color

CIELCh(83, 18.863, 63.987)

Conversions

Conversions Part 1

Format	Color
Hex	EAC8AF
RGB	234, 200, 175
RGB Percent	92%, 78%, 69%
CMY	0.0807, 0.2141, 0.3122
CMYK	0.00, 0.15, 0.25, 0.08
HSL	25°, 59%, 80%
HSV	25°, 25%, 92%
XYZ	62.5874, 62.1629, 49.4550
YIQ	207.3160, 28.2890, -0.5670

Conversions

Conversions Part 2

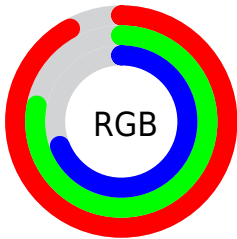
Format	Color
RYB	234, 218, 175
Decimal	15386799
CIELab	83.00, 8.27, 16.95
CIELCh	83, 18.863, 63.987
Yxy	62.1629, 0.3593, 0.3568
Android (android.graphics.Color)	4293576879 (0xFFEAC8AF)
YUV	207.3160, -15.9318, 23.4019
Hunter-Lab	78.8435, 3.7205, 18.0005

Details

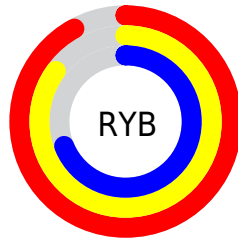
The CIELCh color **83, 18.863, 63.987** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82, 17.034, 250.248**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **63, 19.196, 63.917** is the 20% darker color. If you saturate the color by 10%, you get **79, 27.178, 62.946**, and if you desaturate by 10%, it is **87, 11.033, 65.056**.

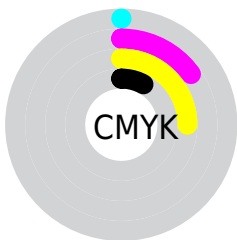
Distribution



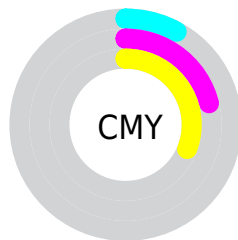
- Red (92%)
- Green (78%)
- Blue (69%)



- Red (92%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (21%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 18.863, 63.987 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, 18.863, 63.987 by changing the saturation by 10% instead.

 83, 18.863, 63.987

 83, 18.863, 63.987

 100, 18.863,
63.987

 73, 18.863, 63.987

 63, 18.863, 63.987

 53, 18.863, 63.987

 43, 18.863, 63.987

 33, 18.863, 63.987

 23, 18.863, 63.987

 13, 18.863, 63.987

 3, 18.863, 63.987

 0, 18.863, 63.987

83, 18.863, 63.987

83, 18.863, 63.987

79, 27.178, 62.946

87, 11.033, 65.056

76, 35.989, 61.920

91, 3.653, 66.054

72, 45.264, 60.917

95, 3.319, 247.413

69, 54.873, 59.910

98, 6.853, 201.516

65, 64.498, 58.811

99, 7.049, 199.053

62, 73.451, 57.415

60, 80.537, 55.327

59, 83.304, 54.153

Harmonies

Complementary

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



83, 18.863, 63.987



82, 17.034, 250.248

Rectangle

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



83, 18.863, 63.987



83, 18.863, 113.987



83, 18.863, 243.987



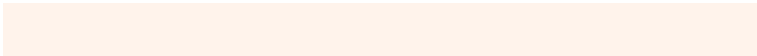
83, 18.863, 293.987

Sweetspot

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



83, 18.863, 63.996



97, 6.093, 65.791



78, 28.268, 341.493



51, 4.350, 65.640



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, 18.863, 63.996



88, 24.430, 63.473



90, 27.866, 103.957



47, 4.061, 65.648



46, 68.307, 54.819



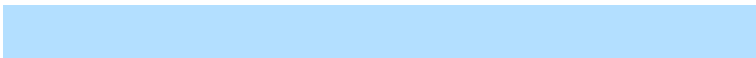
12, 22.393, 52.921

Inverse Universe

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



82, 17.034, 250.248



87, 21.562, 251.147



75, 29.268, 289.763



47, 3.926, 247.935



43, 47.757, 275.428



11, 18.075, 266.649

Previews

White Background



This preview shows how the CIELCh color 83, 18.863, 63.987 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, 18.863, 63.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

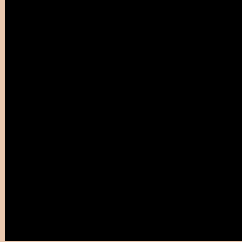
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 18.863, 63.987

Background



This preview shows how black text looks on a background with the CIELCh color 83, 18.863, 63.987.



This preview shows how white text looks on a background with the CIELCh color 83, 18.863, 63.987.

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, 18.863, 63.987

Protanopia

83, 15.323, 92.798

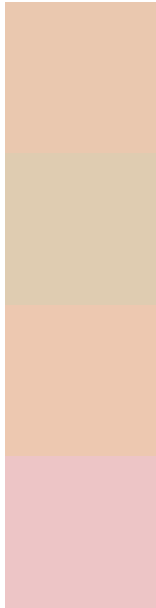
Deuteranopia

83, 19.665, 57.961



Tritanopia
83, 18.273, 353.502

Trichromacy



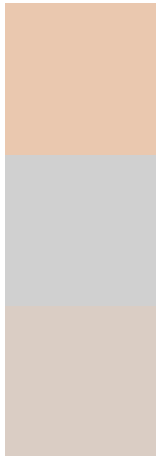
Original Color
83, 18.863, 63.987

Protanomaly
83, 16.037, 81.531

Deuteranomaly
83, 19.378, 60.530

Tritanomaly
83, 15.110, 18.576

Monochromacy



Original Color
83, 18.863, 63.987

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 6.775, 63.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 18.863, 63.987 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(234, 200, 175)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 175)  
}
```

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(234, 200, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 18.863, 63.987 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(234, 200, 175) }
```

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

```
.border{ border-color:rgb(234, 200, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 200, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 175);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 18.863, 63.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 175) }
```

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

```
.background{ background-color: rgb(234,  
200, 175) }
```

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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