

Converting Colors

CIELCh(100, 82.318, 32.307)

Have a look what the booklet for
CIELCh(100, 82.318, 32.307)
contains.

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Color

CIELCh(83, 27.063, 43.707)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1AD
RGB	255, 193, 173
RGB Percent	100%, 76%, 68%
CMY	0.0016, 0.2446, 0.3230
CMYK	0.00, 0.24, 0.32, 0.00
HSL	15°, 99%, 84%
HSV	15°, 32%, 100%
XYZ	67.5885, 62.1629, 47.7875
YIQ	209.2580, 43.3720, 6.9240

Conversions

Conversions Part 2

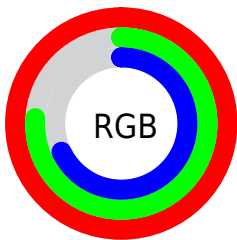
Format	Color
R _Y B	255, 199, 173
Decimal	16761261
CIE Lab	83.00, 19.56, 18.70
CIE LCh	83, 27.063, 43.707
Yxy	62.1629, 0.3807, 0.3501
Android (android.graphics.Color)	4294951341 (0xFFFFC1AD)
YUV	209.2580, -17.8752, 40.1157
Hunter-Lab	78.8435, 15.0428, 19.2544

Details

The CIELCh color **83, 27.063, 43.707** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 21.764, 227.070**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.308, 100.065**, and **63, 27.070, 42.969** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.966, 43.686**, and if you desaturate by 10%, it is **88, 17.898, 43.882**.

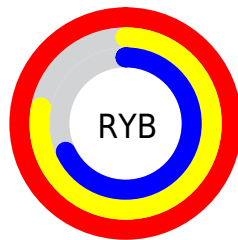
Distribution



Red (100%)

Green (76%)

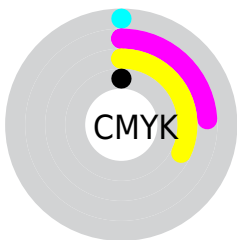
Blue (68%)



Red (100%)

Yellow (78%)

Blue (68%)

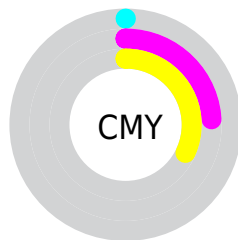


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 27.063, 43.707 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, 27.063, 43.707 by changing the saturation by 10% instead.

 83, 27.063, 43.707

 83, 27.063, 43.707

 100, 27.063,
43.707

 73, 27.063, 43.707

 63, 27.063, 43.707

 53, 27.063, 43.707

 43, 27.063, 43.707

 33, 27.063, 43.707

 23, 27.063, 43.707

 13, 27.063, 43.707

 3, 27.063, 43.707

 0, 27.063, 43.707

83, 27.063, 43.707

83, 27.063, 43.707

78, 36.966, 43.686

88, 17.898, 43.882

73, 47.604, 43.830

93, 9.439, 44.146

69, 58.888, 44.158

99, 1.628, 44.207

65, 70.571, 44.630

100, 0.138,
204.187

61, 82.063, 45.078

59, 92.056, 45.052

57, 97.857, 44.466

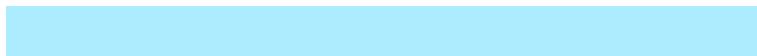
Harmonies

Complementary

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



83, 27.063, 43.707



89, 21.764, 227.070

Rectangle

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



83, 27.063, 43.707



83, 27.063, 93.707



83, 27.063, 223.707



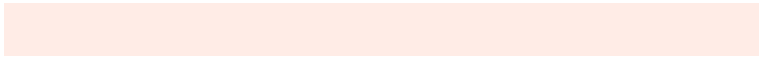
83, 27.063, 273.707

Sweetspot

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



83, 27.062, 43.714



95, 7.683, 44.208



80, 43.732, 333.904



50, 5.272, 44.169



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, 27.062, 43.714



80, 33.766, 43.677



93, 31.990, 92.063



50, 4.359, 44.222



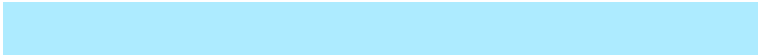
43, 78.428, 44.947



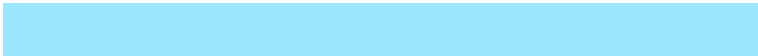
12, 29.336, 39.867

Inverse Universe

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



89, 21.764, 227.070



88, 25.715, 227.906



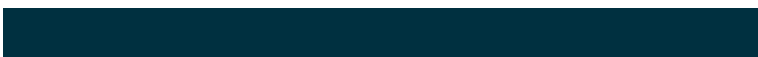
79, 32.576, 281.023



51, 4.118, 225.256



56, 36.634, 245.113



18, 16.427, 238.858

Previews

White Background



This preview shows how the CIELCh color 83, 27.063, 43.707 looks on a white background.

Color Contrast Check

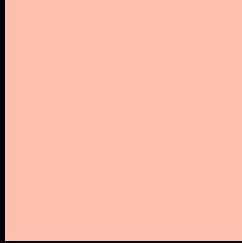
Large Text (above 18pt) WCAG AA × Fail

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, 27.063, 43.707 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, 27.063, 43.707

Background



This preview shows how black text looks on a background with the CIELCh color 83, 27.063, 43.707.

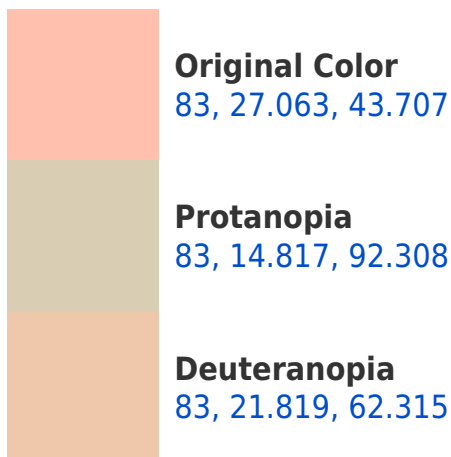


This preview shows how white text looks on a background with the CIELCh color 83, 27.063, 43.707.

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





Tritanopia
83, 25.828, 5.143

Trichromacy



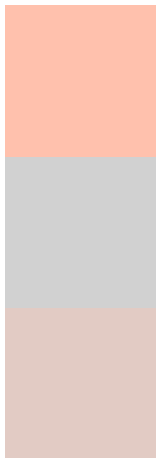
Original Color
83, 27.063, 43.707

Protanomaly
83, 17.317, 66.494

Deuteranomaly
83, 23.366, 54.465

Tritanomaly
83, 25.001, 19.044

Monochromacy



Original Color
83, 27.063, 43.707

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 9.411, 42.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 27.063, 43.707 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(255, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 173)  
}
```

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(255, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 27.063, 43.707 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(255, 193, 173) }
```

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

```
.border{ border-color:rgb(255, 193, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 27.063, 43.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 173) }
```

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

```
.background{ background-color: rgb(255,  
193, 173) }
```

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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