

Converting Colors

CIELCh(83, 26.512, 43.554)

Have a look what the booklet for
CIELCh(83, 26.512, 43.554) contains.

CIELCh(83, 26.686, 44.023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 26.686, 44.023)

Conversions

Conversions Part 1

Format	Color
Hex	FEC1AD
RGB	254, 193, 173
RGB Percent	100%, 76%, 68%
CMY	0.0043, 0.2435, 0.3219
CMYK	0.00, 0.24, 0.32, 0.00
HSL	15°, 97%, 84%
HSV	15°, 32%, 100%
XYZ	67.4185, 62.1629, 47.9333
YIQ	208.9590, 42.7760, 6.7120

Conversions

Conversions Part 2

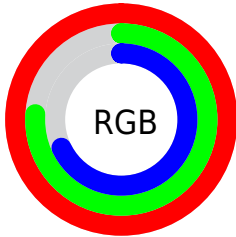
Format	Color
RYB	254, 200, 173
Decimal	16695725
CIELab	83.00, 19.19, 18.55
CIELCh	83, 26.686, 44.023
Yxy	62.1629, 0.3798, 0.3502
Android (android.graphics.Color)	4294885805 (0xFFFE1AD)
YUV	208.9590, -17.7278, 39.5010
Hunter-Lab	78.8435, 14.6579, 19.1448

Details

The CIELCh color **83, 26.686, 44.023** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 21.529, 227.454**, 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, 26.662, 43.282** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.528, 43.977**, and if you desaturate by 10%, it is **88, 17.577, 44.219**.

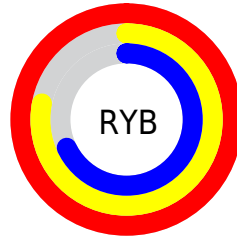
Distribution



Red (100%)

Green (76%)

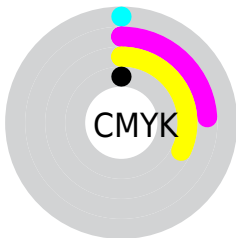
Blue (68%)



Red (100%)

Yellow (78%)

Blue (68%)

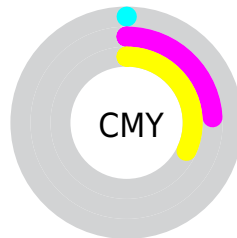


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 26.686, 44.023 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, 26.686, 44.023 by changing the saturation by 10% instead.

83, 26.686, 44.023

83, 26.686, 44.023

100, 26.686,
44.023

73, 26.686, 44.023

63, 26.686, 44.023

53, 26.686, 44.023

43, 26.686, 44.023

33, 26.686, 44.023

23, 26.686, 44.023

13, 26.686, 44.023

3, 26.686, 44.023

0, 26.686, 44.023

83, 26.686, 44.023

83, 26.686, 44.023

78, 36.528, 43.977

88, 17.577, 44.219

73, 47.104, 44.093

93, 9.169, 44.501

69, 58.328, 44.389

99, 1.403, 44.520

65, 69.961, 44.828

100, 0.383,
201.113

62, 81.430, 45.246

59, 91.463, 45.207

57, 97.508, 44.580

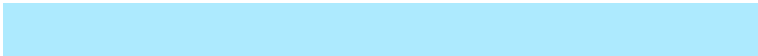
Harmonies

Complementary

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



83, 26.686, 44.023



89, 21.529, 227.454

Rectangle

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



83, 26.686, 44.023



83, 26.686, 94.023



83, 26.686, 224.023



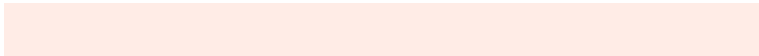
83, 26.686, 274.023

Sweetspot

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



83, 26.685, 44.030



95, 7.674, 44.558



80, 43.242, 333.882



50, 5.265, 44.516



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, 26.685, 44.030



80, 32.718, 43.979



93, 31.623, 92.103



50, 4.354, 44.572



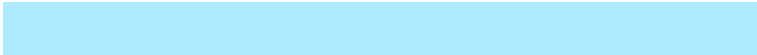
43, 78.314, 45.062



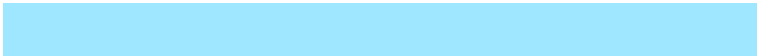
12, 29.292, 40.065

Inverse Universe

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



89, 21.529, 227.454



88, 25.148, 228.203



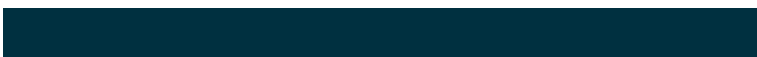
79, 32.194, 280.965



51, 4.114, 225.633



56, 36.752, 245.742



18, 16.458, 239.430

Previews

White Background



This preview shows how the CIELCh color 83, 26.686, 44.023 looks on a white background.

Color Contrast Check

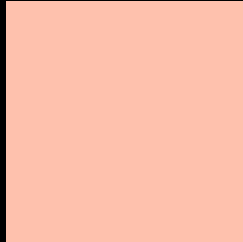
Large Text (above 18pt) WCAG AA × Fail

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, 26.686, 44.023 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, 26.686, 44.023

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.686, 44.023.

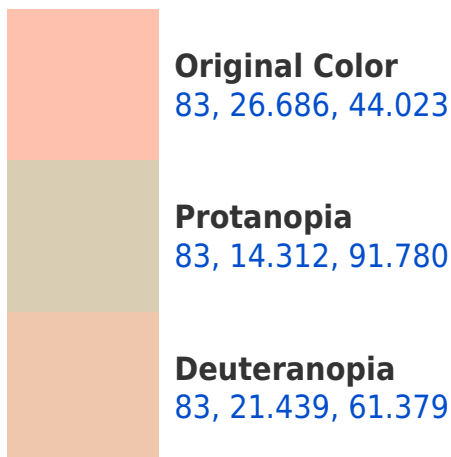


This preview shows how white text looks on a background with the CIELCh color 83, 26.686, 44.023.

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



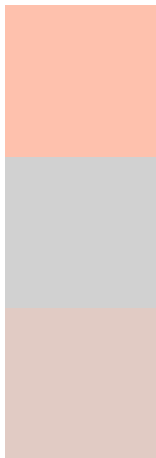
Original Color
83, 26.686, 44.023

Protanomaly
83, 17.045, 67.459

Deuteranomaly
83, 23.028, 55.015

Tritanomaly
83, 25.001, 19.044

Monochromacy



Original Color
83, 26.686, 44.023

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 9.058, 43.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.686, 44.023 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(254, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.686, 44.023 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(254, 193, 173) }
```

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

```
.border{ border-color:rgb(254, 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(254, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.686, 44.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 173) }
```

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

```
.background{ background-color: rgb(254,  
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](#).

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