

Converting Colors

CIELCh(83, 25.543, 16.673)

Have a look what the booklet for
CIELCh(83, 25.543, 16.673) contains.

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Color

CIELCh(83, 24.958, 16.657)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC2
RGB	255, 190, 194
RGB Percent	100%, 75%, 76%
CMY	0.0000, 0.2538, 0.2382
CMYK	0.00, 0.25, 0.24, 0.00
HSL	356°, 100%, 87%
HSV	356°, 25%, 100%
XYZ	69.5829, 62.1629, 59.5261
YIQ	209.8910, 37.4560, 15.0240

Conversions

Conversions Part 2

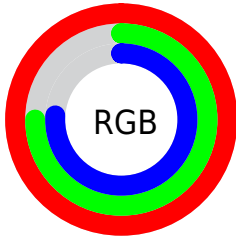
Format	Color
R _Y B	255, 190, 194
Decimal	16760514
CIE Lab	83.00, 23.91, 7.15
CIE LCh	83, 24.958, 16.657
Yxy	62.1629, 0.3638, 0.3250
Android (android.graphics.Color)	4294950594 (0xFFFFBEC2)
YUV	209.8910, -7.8343, 39.5606
Hunter-Lab	78.8435, 19.5582, 10.4270

Details

The CIELCh color **83, 24.958, 16.657** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.340, 192.547**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.223, 351.093**, and **63, 24.991, 17.003** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.764, 18.021**, and if you desaturate by 10%, it is **90, 14.543, 15.521**.

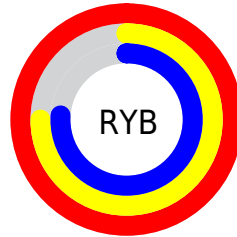
Distribution



Red (100%)

Green (75%)

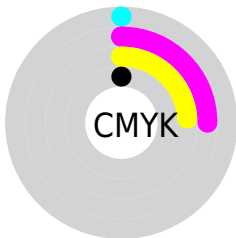
Blue (76%)



Red (100%)

Yellow (75%)

Blue (76%)

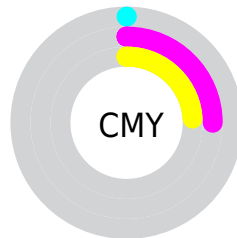


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.958, 16.657 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, 24.958, 16.657 by changing the saturation by 10% instead.

 83, 24.958, 16.657

 83, 24.958, 16.657

 100, 24.958,
16.657

 73, 24.958, 16.657

 63, 24.958, 16.657

 53, 24.958, 16.657

 43, 24.958, 16.657

 33, 24.958, 16.657

 23, 24.958, 16.657

 13, 24.958, 16.657

 3, 24.958, 16.657

 0, 24.958, 16.657

83, 24.958, 16.657

83, 24.958, 16.657

77, 35.764, 18.021

90, 14.543, 15.521

71, 47.162, 19.796

96, 4.911, 14.558

65, 58.791, 22.079

100, 0.012,
296.813

61, 70.298, 24.994

57, 81.272, 28.606

55, 91.244, 32.764

54, 99.375, 36.835

53, 102.163,
38.262

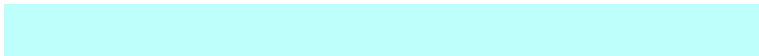
Harmonies

Complementary

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



83, 24.958, 16.657



96, 21.340, 192.547

Rectangle

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



83, 24.958, 16.657



83, 24.958, 66.657



83, 24.958, 196.657



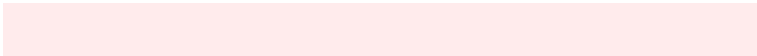
83, 24.958, 246.657

Sweetspot

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



83, 24.844, 16.631



95, 7.366, 14.813



84, 39.852, 323.925



50, 5.263, 14.955



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, 24.844, 16.631



80, 29.815, 17.232



90, 20.430, 65.025



50, 5.263, 14.955



40, 81.669, 37.672



10, 32.876, 24.693

Inverse Universe

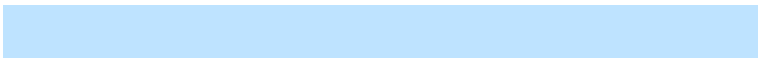
The Inverse Universe completely reimagines the original color for something new.



83, 24.844, 16.631



80, 29.815, 17.232



89, 18.500, 251.487



50, 5.263, 14.955



40, 81.669, 37.672



10, 32.876, 24.693

Previews

White Background



This preview shows how the CIELCh color 83, 24.958, 16.657 looks on a white background.

Color Contrast Check

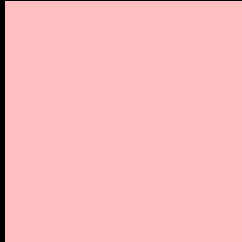
Large Text (above 18pt) WCAG AA × Fail

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, 24.958, 16.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

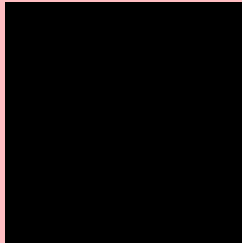
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 24.958, 16.657

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.958, 16.657.



This preview shows how white text looks on a background with the CIELCh color 83, 24.958, 16.657.

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, 24.958, 16.657

Protanopia

83, 2.406, 60.294

Deuteranopia

83, 12.913, 39.170



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 24.958, 16.657

Protanomaly
83, 10.095, 20.130

Deuteranomaly
83, 16.884, 26.001

Tritanomaly
83, 25.575, 8.581

Monochromacy



Original Color
83, 24.958, 16.657

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.550, 16.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.958, 16.657 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, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 194)  
}
```

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, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.958, 16.657 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, 190, 194) }
```

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

```
.border{ border-color:rgb(255, 190, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.958, 16.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 194) }
```

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

```
.background{ background-color: rgb(255,  
190, 194) }
```

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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