

Converting Colors

CIELCh(83, 28.083, 48.592)

Have a look what the booklet for
CIELCh(83, 28.083, 48.592) contains.

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Color

CIELCh(83, 28.083, 48.592)

Conversions

Conversions Part 1

Format	Color
Hex	FEC1A8
RGB	254, 193, 168
RGB Percent	100%, 76%, 66%
CMY	0.0031, 0.2424, 0.3405
CMYK	0.00, 0.24, 0.34, 0.00
HSL	17°, 98%, 83%
HSV	17°, 34%, 100%
XYZ	67.1402, 62.1629, 45.5931
YIQ	208.3890, 44.3810, 5.1570

Conversions

Conversions Part 2

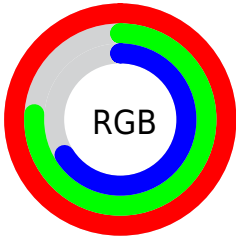
Format	Color
RYB	254, 203, 168
Decimal	16695720
CIELab	83.00, 18.57, 21.06
CIELCh	83, 28.083, 48.592
Yxy	62.1629, 0.3839, 0.3554
Android (android.graphics.Color)	4294885800 (0xFFFE1A8)
YUV	208.3890, -19.9118, 40.0008
Hunter-Lab	78.8435, 14.0279, 20.9046

Details

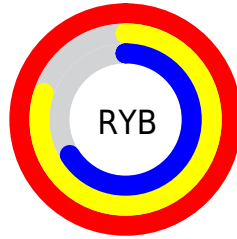
The CIELCh color **83, 28.083, 48.592** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 22.667, 233.838**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 13.821, 101.509**, and **63, 28.163, 48.052** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.859, 48.287**, and if you desaturate by 10%, it is **88, 19.011, 49.022**.

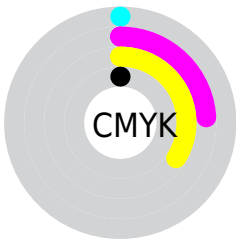
Distribution



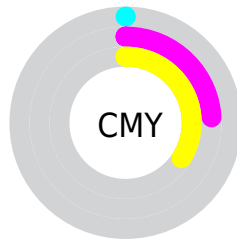
- Red (100%)
- Green (76%)
- Blue (66%)



- Red (100%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 28.083, 48.592 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, 28.083, 48.592 by changing the saturation by 10% instead.

 83, 28.083, 48.592

 83, 28.083, 48.592

 100, 28.083,
48.592

 73, 28.083, 48.592

 63, 28.083, 48.592

 53, 28.083, 48.592

 43, 28.083, 48.592

 33, 28.083, 48.592

 23, 28.083, 48.592

 13, 28.083, 48.592

 3, 28.083, 48.592

 0, 28.083, 48.592

83, 28.083, 48.592

83, 28.083, 48.592

78, 37.859, 48.287

88, 19.011, 49.022

74, 48.330, 48.105

93, 10.612, 49.522

70, 59.398, 48.050

98, 2.831, 49.958

66, 70.782, 48.058

100, 0.279,
201.766

62, 81.813, 47.928

60, 91.095, 47.185

58, 95.478, 46.362

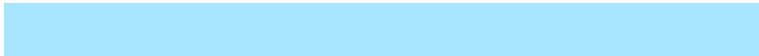
Harmonies

Complementary

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



83, 28.083, 48.592



88, 22.667, 233.838

Rectangle

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



83, 28.083, 48.592



83, 28.083, 98.592



83, 28.083, 228.592



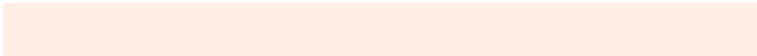
83, 28.083, 278.592

Sweetspot

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



83, 28.082, 48.599



95, 7.574, 49.720



79, 44.330, 336.077



50, 5.196, 49.648



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, 28.082, 48.599



80, 35.102, 48.362



93, 35.166, 95.309



51, 4.298, 49.745



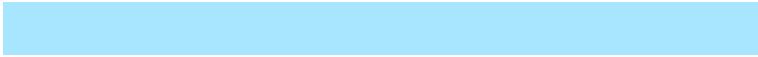
44, 76.597, 46.912



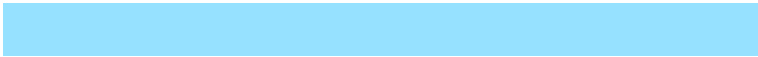
13, 28.679, 43.129

Inverse Universe

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



88, 22.667, 233.838



86, 26.849, 234.996



77, 36.464, 284.453



51, 4.078, 231.185



53, 38.923, 254.504



17, 17.078, 247.567

Previews

White Background



This preview shows how the CIELCh color 83, 28.083, 48.592 looks on a white background.

Color Contrast Check

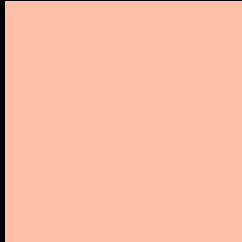
Large Text (above 18pt) WCAG AA × Fail

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, 28.083, 48.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

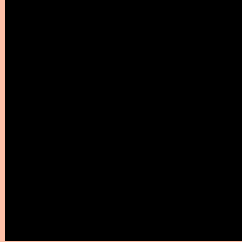
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 28.083, 48.592

Background



This preview shows how black text looks on a background with the CIELCh color 83, 28.083, 48.592.



This preview shows how white text looks on a background with the CIELCh color 83, 28.083, 48.592.

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, 28.083, 48.592

Protanopia

83, 17.342, 94.452

Deuteranopia

83, 23.976, 64.356



Tritanopia
83, 25.828, 5.143

Trichromacy



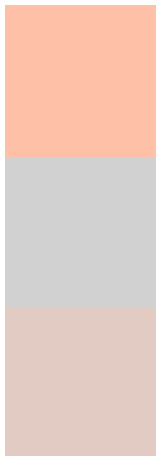
Original Color
83, 28.083, 48.592

Protanomaly
83, 19.140, 72.287

Deuteranomaly
83, 25.441, 58.417

Tritanomaly
83, 24.727, 22.575

Monochromacy



Original Color
83, 28.083, 48.592

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 9.565, 49.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 28.083, 48.592 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 28.083, 48.592 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, 168) }
```

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

```
.border{ border-color:rgb(254, 193, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 28.083, 48.592 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, 168) }
```

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

```
.background{ background-color: rgb(254,  
193, 168) }
```

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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