

Converting Colors

CIELCh(90, 51.824, 37.952)

Have a look what the booklet for
CIELCh(90, 51.824, 37.952) contains.

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Color

CIELCh(83, 28.349, 49.452)

Conversions

Conversions Part 1

Format	Color
Hex	FEC1A7
RGB	254, 193, 167
RGB Percent	100%, 76%, 65%
CMY	0.0031, 0.2421, 0.3440
CMYK	0.00, 0.24, 0.34, 0.00
HSL	18°, 98%, 83%
HSV	18°, 34%, 100%
XYZ	67.0745, 62.1629, 45.1570
YIQ	208.2750, 44.7020, 4.8460

Conversions

Conversions Part 2

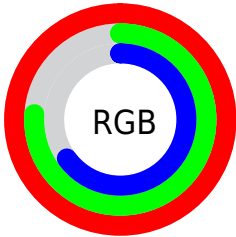
Format	Color
RYB	254, 204, 167
Decimal	16695719
CIELab	83.00, 18.43, 21.54
CIELCh	83, 28.349, 49.452
Yxy	62.1629, 0.3846, 0.3565
Android (android.graphics.Color)	4294885799 (0xFFFECA7)
YUV	208.2750, -20.3486, 40.1008
Hunter-Lab	78.8435, 13.8792, 21.2325

Details

The CIELCh color **83, 28.349, 49.452** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 22.902, 235.046**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 14.324, 101.728**, and **63, 28.487, 48.939** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.112, 49.098**, and if you desaturate by 10%, it is **88, 19.282, 49.925**.

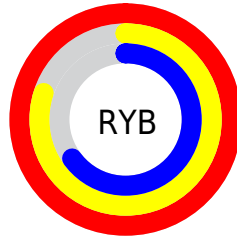
Distribution



Red (100%)

Green (76%)

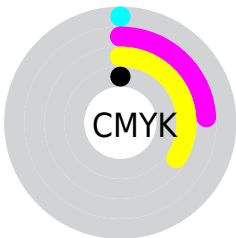
Blue (65%)



Red (100%)

Yellow (80%)

Blue (65%)

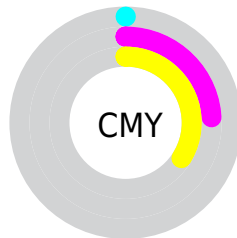


Cyan (0%)

Magenta (24%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 28.349, 49.452 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, 28.349, 49.452 by changing the saturation by 10% instead.

 83, 28.349, 49.452

 83, 28.349, 49.452

 100, 28.349,
49.452

 73, 28.349, 49.452

 63, 28.349, 49.452

 53, 28.349, 49.452

 43, 28.349, 49.452

 33, 28.349, 49.452

 23, 28.349, 49.452

 13, 28.349, 49.452

 3, 28.349, 49.452

 0, 28.349, 49.452

83, 28.349, 49.452

83, 28.349, 49.452

78, 38.112, 49.098

88, 19.282, 49.925

74, 48.562, 48.861

93, 10.881, 50.465

70, 59.595, 48.741

98, 3.094, 50.955

66, 70.922, 48.669

100, 0.277,
201.781

63, 81.855, 48.437

60, 90.977, 47.565

58, 95.067, 46.735

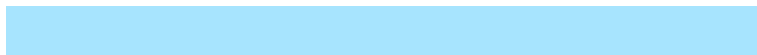
Harmonies

Complementary

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



83, 28.349, 49.452



87, 22.902, 235.046

Rectangle

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



83, 28.349, 49.452



83, 28.349, 99.452



83, 28.349, 229.452



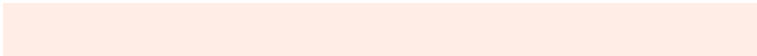
83, 28.349, 279.452

Sweetspot

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



83, 28.348, 49.459



95, 7.563, 50.698



79, 44.788, 336.106



50, 5.188, 50.620



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, 28.348, 49.459



80, 35.006, 49.200



93, 35.538, 95.264



51, 4.292, 50.724



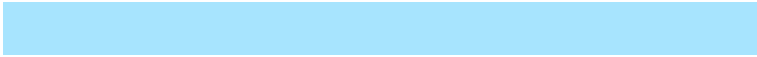
44, 76.265, 47.296



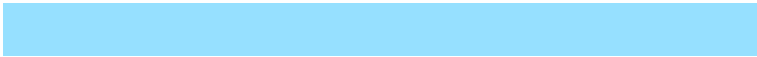
13, 28.570, 43.741

Inverse Universe

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



87, 22.902, 235.046



85, 26.893, 236.187



76, 36.869, 284.522



51, 4.076, 232.233



53, 39.420, 256.053



17, 17.228, 249.037

Previews

White Background



This preview shows how the CIELCh color 83, 28.349, 49.452 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, 28.349, 49.452 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, 28.349, 49.452

Background



This preview shows how black text looks on a background with the CIELCh color 83, 28.349, 49.452.



This preview shows how white text looks on a background with the CIELCh color 83, 28.349, 49.452.

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, 28.384, 49.446

Protanomaly
83, 19.578, 73.117

Deuteranomaly
83, 25.807, 59.236

Tritanomaly
83, 24.727, 22.575

Monochromacy



Original Color
83, 28.384, 49.446

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, 28.349, 49.452 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 28.349, 49.452 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, 167) }
```

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

```
.border{ border-color:rgb(254, 193, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 28.349, 49.452 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, 167) }
```

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

```
.background{ background-color: rgb(254,  
193, 167) }
```

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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