

Converting Colors

CIELCh(83, 35.016, 64.002)

Have a look what the booklet for
CIELCh(83, 35.016, 64.002) contains.

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Color

CIELCh(83, 35.223, 64.312)

Conversions

Conversions Part 1

Format	Color
Hex	FEC394
RGB	254, 195, 148
RGB Percent	100%, 76%, 58%
CMY	0.0044, 0.2357, 0.4200
CMYK	0.00, 0.23, 0.42, 0.00
HSL	27°, 98%, 79%
HSV	27°, 42%, 100%
XYZ	65.6557, 62.1629, 36.5111
YIQ	207.2830, 50.2510, -2.1090

Conversions

Conversions Part 2

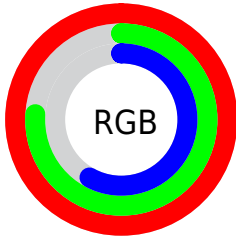
Format	Color
R _Y B	254, 232, 148
Decimal	16696212
CIE Lab	83.00, 15.27, 31.74
CIE LCh	83, 35.223, 64.312
Yxy	62.1629, 0.3995, 0.3783
Android (android.graphics.Color)	4294886292 (0xFFFE C394)
YUV	207.2830, -29.2265, 40.9708
Hunter-Lab	78.8435, 10.6670, 27.7342

Details

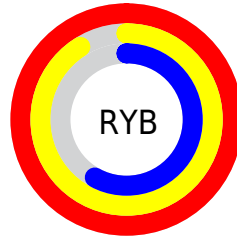
The CIELCh color **83, 35.223, 64.312** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.831, 256.165**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.308, 105.682**, and **63, 35.008, 64.027** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.909, 63.218**, and if you desaturate by 10%, it is **87, 26.016, 65.431**.

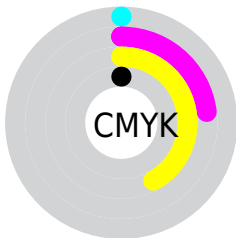
Distribution



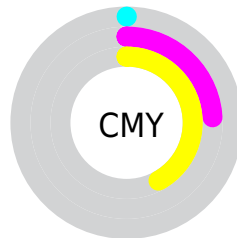
- Red (100%)
- Green (76%)
- Blue (58%)



- Red (100%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 35.223, 64.312 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, 35.223, 64.312 by changing the saturation by 10% instead.

 83, 35.223, 64.312

 83, 35.223, 64.312

 100, 35.223,
64.312

 73, 35.223, 64.312

 63, 35.223, 64.312

 53, 35.223, 64.312

 43, 35.223, 64.312

 33, 35.223, 64.312

 23, 35.223, 64.312

 13, 35.223, 64.312

 3, 35.223, 64.312

 0, 35.223, 64.312

83, 35.223, 64.312

83, 35.223, 64.312

79, 44.909, 63.218

87, 26.016, 65.431

76, 54.971, 62.113

91, 17.309, 66.555

72, 65.134, 60.938

95, 9.086, 67.670

69, 74.800, 59.533

99, 1.308, 68.485

66, 82.857, 57.571

100, 0.389,
201.082

64, 87.679, 55.385

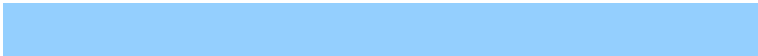
Harmonies

Complementary

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



83, 35.223, 64.312



81, 29.831, 256.165

Rectangle

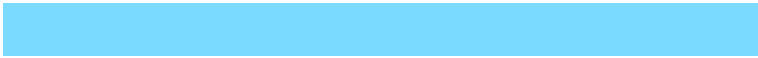
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 35.223, 64.312



83, 35.223, 114.312



83, 35.223, 244.312



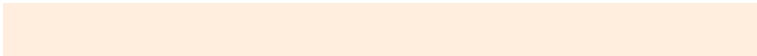
83, 35.223, 294.312

Sweetspot

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



83, 35.223, 64.318



95, 10.128, 67.532



74, 49.279, 344.111



50, 7.132, 67.287



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, 35.223, 64.318



80, 43.343, 63.408



96, 49.558, 103.025



51, 4.386, 67.912



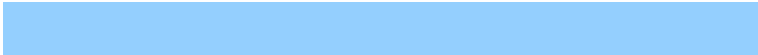
49, 70.513, 56.079



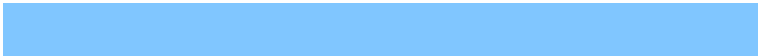
15, 27.173, 56.276

Inverse Universe

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



81, 29.831, 256.165



78, 35.360, 258.351



67, 54.557, 293.387



51, 4.251, 250.295



44, 51.968, 278.061



13, 21.445, 271.097

Previews

White Background



This preview shows how the CIELCh color 83, 35.223, 64.312 looks on a white background.

Color Contrast Check

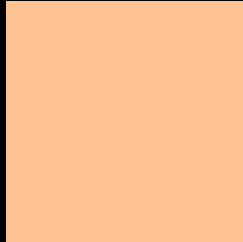
Large Text (above 18pt) WCAG AA × Fail

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, 35.223, 64.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

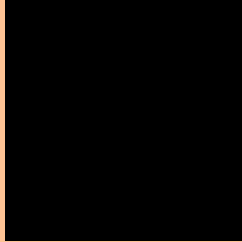
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 35.223, 64.312

Background



This preview shows how black text looks on a background with the CIELCh color 83, 35.223, 64.312.



This preview shows how white text looks on a background with the CIELCh color 83, 35.223, 64.312.

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, 25.733, 6.281

Trichromacy



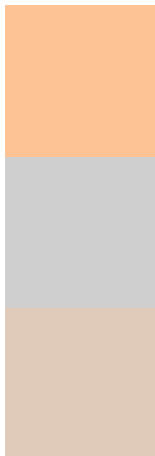
Original Color
83, 35.223, 64.312

Protanomaly
83, 30.200, 83.086

Deuteranomaly
83, 34.358, 69.259

Tritanomaly
83, 25.615, 31.844

Monochromacy



Original Color
83, 35.223, 64.312

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.048, 67.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 35.223, 64.312 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, 195, 148)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 148)  
}
```

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, 195, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 35.223, 64.312 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, 195, 148) }
```

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

```
.border{ border-color:rgb(254, 195, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 195, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 148);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 35.223, 64.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 148) }
```

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

```
.background{ background-color: rgb(254,  
195, 148) }
```

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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