

Converting Colors

CIELCh(83, 34.779, 63.816)

Have a look what the booklet for
CIELCh(83, 34.779, 63.816) contains.

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Color

CIELCh(83, 34.820, 63.799)

Conversions

Conversions Part 1

Format	Color
Hex	FEC395
RGB	254, 195, 149
RGB Percent	100%, 76%, 58%
CMY	0.0046, 0.2359, 0.4163
CMYK	0.00, 0.23, 0.41, 0.00
HSL	26°, 98%, 79%
HSV	26°, 41%, 100%
XYZ	65.7028, 62.1629, 36.9064
YIQ	207.3970, 49.9300, -1.7980

Conversions

Conversions Part 2

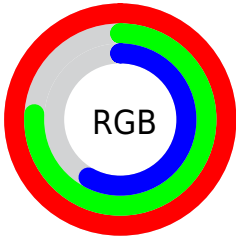
Format	Color
R _Y B	254, 231, 149
Decimal	16696213
CIE Lab	83.00, 15.37, 31.24
CIE LCh	83, 34.820, 63.799
Yxy	62.1629, 0.3987, 0.3773
Android (android.graphics.Color)	4294886293 (0xFFFE C395)
YUV	207.3970, -28.7897, 40.8708
Hunter-Lab	78.8435, 10.7736, 27.4370

Details

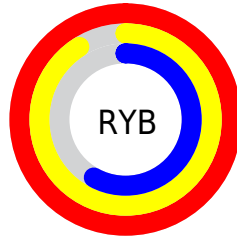
The CIELCh color **83, 34.820, 63.799** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.418, 255.408**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 24.806, 105.672**, and **63, 34.581, 63.506** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.501, 62.727**, and if you desaturate by 10%, it is **87, 25.629, 64.900**.

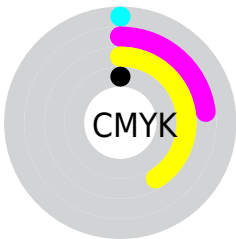
Distribution



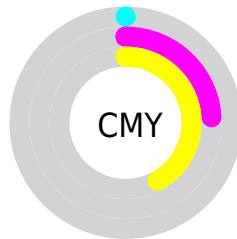
- Red (100%)
- Green (76%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 34.820, 63.799 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, 34.820, 63.799 by changing the saturation by 10% instead.

 83, 34.820, 63.799

 83, 34.820, 63.799

 100, 34.820,
63.799

 73, 34.820, 63.799

 63, 34.820, 63.799

 53, 34.820, 63.799

 43, 34.820, 63.799

 33, 34.820, 63.799

 23, 34.820, 63.799

 13, 34.820, 63.799

 3, 34.820, 63.799

 0, 34.820, 63.799

83, 34.820, 63.799

83, 34.820, 63.799

79, 44.501, 62.727

87, 25.629, 64.900

76, 54.576, 61.649

91, 16.948, 66.008

72, 64.783, 60.508

95, 8.755, 67.107

69, 74.542, 59.150

99, 1.011, 67.798

66, 82.761, 57.252

100, 0.407,
201.008

64, 87.911, 55.000

Harmonies

Complementary

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



83, 34.820, 63.799



81, 29.418, 255.408

Rectangle

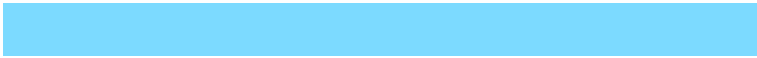
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 34.820, 63.799



83, 34.820, 113.799



83, 34.820, 243.799



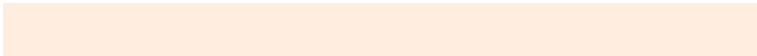
83, 34.820, 293.799

Sweetspot

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



83, 34.820, 63.805



95, 9.302, 67.038



74, 48.831, 344.066



50, 6.193, 66.896



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, 34.820, 63.805



80, 43.323, 62.871



96, 49.109, 103.065



51, 4.375, 67.305



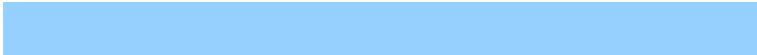
49, 70.703, 55.692



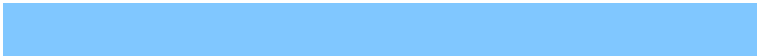
15, 27.201, 55.768

Inverse Universe

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



81, 29.418, 255.408



78, 35.157, 257.681



67, 53.998, 293.311



51, 4.237, 249.668



45, 51.406, 277.424



13, 21.246, 270.427

Previews

White Background



This preview shows how the CIELCh color 83, 34.820, 63.799 looks on a white background.

Color Contrast Check

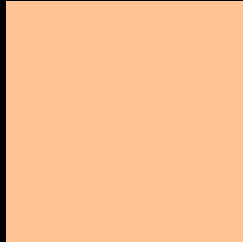
Large Text (above 18pt) WCAG AA × Fail

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, 34.820, 63.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

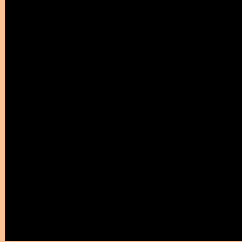
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 34.820, 63.799

Background



This preview shows how black text looks on a background with the CIELCh color 83, 34.820, 63.799.



This preview shows how white text looks on a background with the CIELCh color 83, 34.820, 63.799.

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, 34.820, 63.799

Protanopia

83, 28.402, 95.481

Deuteranopia

83, 33.245, 71.441



Tritanopia
83, 25.828, 5.143

Trichromacy



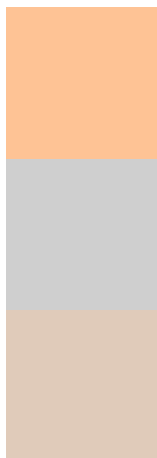
Original Color
83, 34.820, 63.799

Protanomaly
83, 29.720, 82.745

Deuteranomaly
83, 33.931, 68.792

Tritanomaly
83, 25.466, 30.726

Monochromacy



Original Color
83, 34.820, 63.799

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, 34.820, 63.799 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 34.820, 63.799 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, 149) }
```

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

```
.border{ border-color:rgb(254, 195, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 149);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 34.820, 63.799 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, 149) }
```

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

```
.background{ background-color: rgb(254,  
195, 149) }
```

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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