

Converting Colors

CIELCh(84, 34.446, 66.326)

Have a look what the booklet for
CIELCh(84, 34.446, 66.326) contains.

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Color

CIELCh(84, 34.282, 66.809)

Conversions

Conversions Part 1

Format	Color
Hex	FEC797
RGB	254, 199, 151
RGB Percent	100%, 78%, 59%
CMY	0.0044, 0.2201, 0.4083
CMYK	0.00, 0.22, 0.41, 0.00
HSL	28°, 98%, 79%
HSV	28°, 41%, 100%
XYZ	66.7952, 64.0658, 38.0733
YIQ	209.9730, 48.1880, -3.2680

Conversions

Conversions Part 2

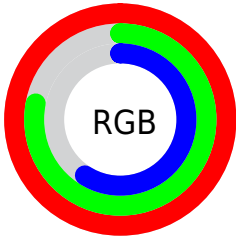
Format	Color
R_{YB}	254, 241, 151
Decimal	16697239
CIE _{Lab}	84.00, 13.50, 31.51
CIE _{LCh}	84, 34.282, 66.809
Yxy	64.0658, 0.3954, 0.3792
Android (android.graphics.Color)	4294887319 (0xFFFE _{C797})
YUV	209.9730, -29.0737, 38.6117
Hunter-Lab	80.0411, 8.8884, 27.8262

Details

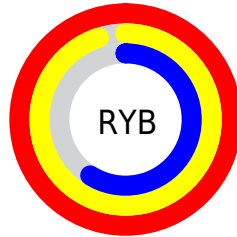
The CIELCh color **84, 34.282, 66.809** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.704, 258.637**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **64, 33.940, 66.708** is the 20% darker color. If you saturate the color by 10%, you get **80, 43.866, 65.628**, and if you desaturate by 10%, it is **88, 25.140, 68.003**.

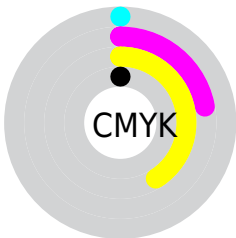
Distribution



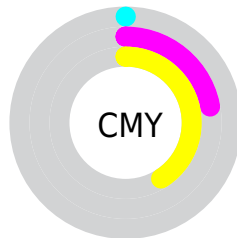
- Red (100%)
- Green (78%)
- Blue (59%)



- Red (100%)
- Yellow (95%)
- Blue (59%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 34.282, 66.809 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 84, 34.282, 66.809 by changing the saturation by 10% instead.

 84, 34.282, 66.809

 84, 34.282, 66.809

 100, 34.282,
66.809

 74, 34.282, 66.809

 64, 34.282, 66.809

 54, 34.282, 66.809

 44, 34.282, 66.809

 34, 34.282, 66.809

 24, 34.282, 66.809

 14, 34.282, 66.809

 4, 34.282, 66.809

 0, 34.282, 66.809

84, 34.282, 66.809

84, 34.282, 66.809

80, 43.866, 65.628

88, 25.140, 68.003

77, 53.791, 64.426

92, 16.464, 69.190

74, 63.798, 63.150

95, 8.235, 70.355

70, 73.325, 61.658

99, 0.422, 70.475

68, 81.333, 59.657

100, 0.394,
201.063

65, 86.669, 57.086

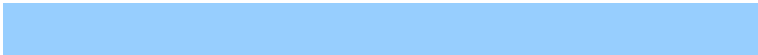
Harmonies

Complementary

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



84, 34.282, 66.809



81, 29.704, 258.637

Rectangle

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



84, 34.282, 66.809



84, 34.282, 116.809



84, 34.282, 246.809



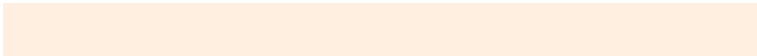
84, 34.282, 296.809

Sweetspot

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



84, 34.282, 66.815



95, 9.423, 70.191



75, 47.456, 344.890



50, 6.272, 70.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 34.282, 66.815



81, 42.493, 65.813



96, 48.944, 103.961



51, 4.435, 70.474



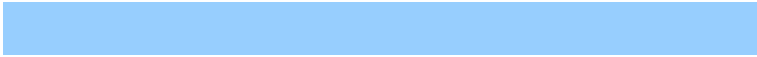
50, 69.736, 57.786



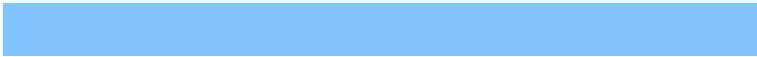
15, 27.077, 58.470

Inverse Universe

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



81, 29.704, 258.637



77, 35.606, 260.850



68, 53.896, 293.834



51, 4.314, 252.930



43, 54.435, 280.656



13, 22.326, 273.844

Previews

White Background



This preview shows how the CIELCh color 84, 34.282, 66.809 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 84, 34.282, 66.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

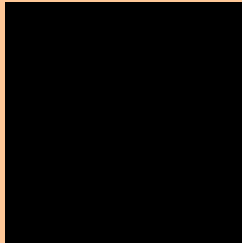
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 34.282, 66.809

Background



This preview shows how black text looks on a background with the CIELCh color 84, 34.282, 66.809.



This preview shows how white text looks on a background with the CIELCh color 84, 34.282, 66.809.

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

84, 34.282, 66.809

Protanopia

84, 28.834, 95.683

Deuteranopia

84, 33.572, 71.946



Tritanopia
84, 24.273, 3.912

Trichromacy



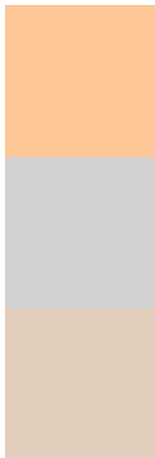
Original Color
84, 34.282, 66.809

Protanomaly
84, 29.761, 84.563

Deuteranomaly
84, 33.969, 69.844

Tritanomaly
84, 23.770, 31.222

Monochromacy



Original Color
84, 34.282, 66.809

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 11.754, 68.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 34.282, 66.809 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, 199, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 151)  
}
```

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, 199, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 34.282, 66.809 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, 199, 151) }
```

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

```
.border{ border-color:rgb(254, 199, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 34.282, 66.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 151) }
```

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

```
.background{ background-color: rgb(254,  
199, 151) }
```

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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