

Converting Colors

CIELCh(84, 33.484, 66.157)

Have a look what the booklet for
CIELCh(84, 33.484, 66.157) contains.

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Color

CIELCh(84, 33.457, 65.797)

Conversions

Conversions Part 1

Format	Color
Hex	FEC799
RGB	254, 199, 153
RGB Percent	100%, 78%, 60%
CMY	0.0048, 0.2204, 0.4008
CMYK	0.00, 0.22, 0.40, 0.00
HSL	27°, 98%, 80%
HSV	27°, 40%, 100%
XYZ	66.8927, 64.0658, 38.8863
YIQ	210.2010, 47.5460, -2.6460

Conversions

Conversions Part 2

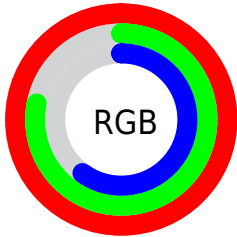
Format	Color
R_{YB}	254, 237, 153
Decimal	16697241
CIE _{Lab}	84.00, 13.72, 30.52
CIE _{LCh}	84, 33.457, 65.797
Yxy	64.0658, 0.3938, 0.3772
Android (android.graphics.Color)	4294887321 (0xFFFE ^C 799)
YUV	210.2010, -28.2001, 38.4117
Hunter-Lab	80.0411, 9.1058, 27.2240

Details

The CIELCh color $84, 33.457, 65.797$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $81, 28.847, 257.178$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 23.732, 108.378$, and $64, 33.501, 66.201$ is the 20% darker color. If you saturate the color by 10%, you get $80, 43.025, 64.654$, and if you desaturate by 10%, it is $88, 24.354, 66.959$.

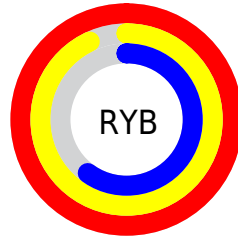
Distribution



Red (100%)

Green (78%)

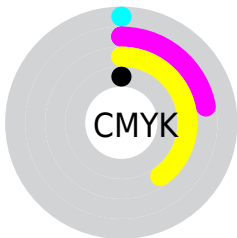
Blue (60%)



Red (100%)

Yellow (93%)

Blue (60%)

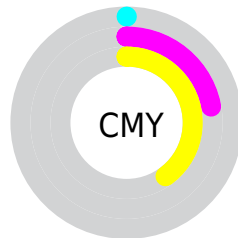


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 33.457, 65.797 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, 33.457, 65.797 by changing the saturation by 10% instead.

84, 33.457, 65.797

84, 33.457, 65.797

100, 33.457,
65.797

74, 33.457, 65.797

64, 33.457, 65.797

54, 33.457, 65.797

44, 33.457, 65.797

34, 33.457, 65.797

24, 33.457, 65.797

14, 33.457, 65.797

4, 33.457, 65.797

0, 33.457, 65.797

84, 33.457, 65.797

84, 33.457, 65.797

80, 43.025, 64.654

88, 24.354, 66.959

77, 52.971, 63.499

92, 15.733, 68.118

73, 63.058, 62.284

96, 7.572, 69.255

70, 72.761, 60.873

100, 0.166,
253.374

67, 81.077, 58.984

100, 0.429,
200.923

65, 86.986, 56.335

65, 87.104, 56.282

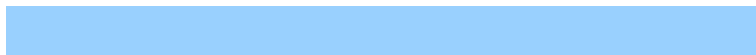
Harmonies

Complementary

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



84, 33.457, 65.797



81, 28.847, 257.178

Rectangle

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



84, 33.457, 65.797



84, 33.457, 115.797



84, 33.457, 245.797



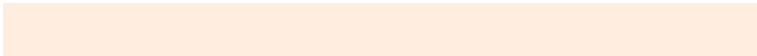
84, 33.457, 295.797

Sweetspot

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



84, 33.457, 65.803



95, 9.374, 69.008



75, 46.560, 344.797



50, 6.240, 68.861



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, 33.457, 65.803



81, 41.444, 64.858



96, 48.029, 104.039



51, 4.411, 69.286



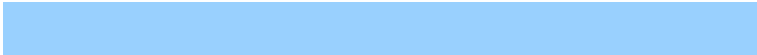
49, 70.091, 56.979



15, 27.117, 57.441

Inverse Universe

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



81, 28.847, 257.178



78, 34.515, 259.289



68, 52.763, 293.687



51, 4.283, 251.710



44, 53.271, 279.470



13, 21.909, 272.585

Previews

White Background



This preview shows how the CIELCh color 84, 33.457, 65.797 looks on a white background.

Color Contrast Check

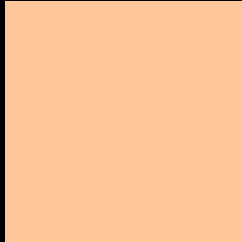
Large Text (above 18pt) WCAG AA × Fail

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, 33.457, 65.797 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, 33.457, 65.797

Background



This preview shows how black text looks on a background with the CIELCh color 84, 33.457, 65.797.



This preview shows how white text looks on a background with the CIELCh color 84, 33.457, 65.797.

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, 33.457, 65.797

Protanopia

84, 27.822, 95.366

Deuteranopia

84, 32.699, 71.040



Tritanopia
84, 24.273, 3.912

Trichromacy



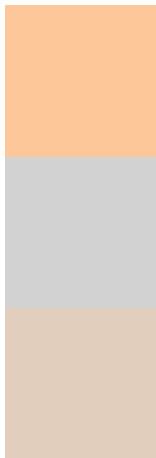
Original Color
84, 33.457, 65.797

Protanomaly
84, 28.797, 83.900

Deuteranomaly
84, 33.114, 68.898

Tritanomaly
84, 23.770, 31.222

Monochromacy



Original Color
84, 33.457, 65.797

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, 33.457, 65.797 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 33.457, 65.797 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, 153) }
```

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

```
.border{ border-color:rgb(254, 199, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 153);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 33.457, 65.797 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, 153) }
```

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

```
.background{ background-color: rgb(254,  
199, 153) }
```

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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