

Converting Colors

CIELCh(85, 35.180, 68.767)

Have a look what the booklet for
CIELCh(85, 35.180, 68.767) contains.

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Color

CIELCh(85, 34.865, 69.294)

Conversions

Conversions Part 1

Format	Color
Hex	FFCA97
RGB	255, 202, 151
RGB Percent	100%, 79%, 59%
CMY	0.0000, 0.2063, 0.4064
CMYK	0.00, 0.21, 0.41, 0.00
HSL	30°, 100%, 80%
HSV	30°, 41%, 100%
XYZ	68.2195, 66.0070, 38.5806
YIQ	212.0330, 47.9590, -4.6250

Conversions

Conversions Part 2

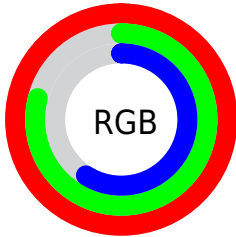
Format	Color
RYB	255, 251, 151
Decimal	16763543
CIELab	85.00, 12.33, 32.61
CIElCh	85, 34.865, 69.294
Yxy	66.0070, 0.3948, 0.3820
Android (android.graphics.Color)	4294953623 (0xFFFFCA97)
YUV	212.0330, -30.0893, 37.6821
Hunter-Lab	81.2447, 7.7045, 28.7163

Details

The CIELCh color **85, 34.865, 69.294** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 30.717, 261.712**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **65, 34.967, 69.764** is the 20% darker color. If you saturate the color by 10%, you get **81, 44.331, 68.243**, and if you desaturate by 10%, it is **89, 25.564, 70.771**.

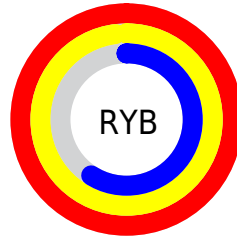
Distribution



Red (100%)

Green (79%)

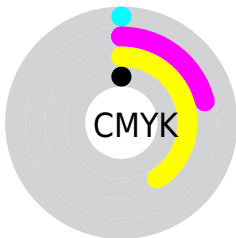
Blue (59%)



Red (100%)

Yellow (98%)

Blue (59%)

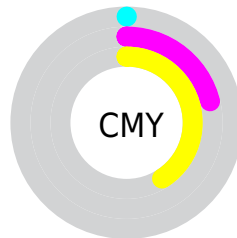


Cyan (0%)

Magenta (21%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 34.865, 69.294 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 85, 34.865, 69.294 by changing the saturation by 10% instead.

 85, 34.865, 69.294

 85, 34.865, 69.294

 100, 34.865,
69.294

 75, 34.865, 69.294

 65, 34.865, 69.294

 55, 34.865, 69.294

 45, 34.865, 69.294

 35, 34.865, 69.294

 25, 34.865, 69.294

 15, 34.865, 69.294

 5, 34.865, 69.294

 0, 34.865, 69.294

85, 34.865, 69.294

85, 34.865, 69.294

81, 44.331, 68.243

89, 25.564, 70.771

78, 54.188, 66.943

92, 16.800, 72.018

75, 64.043, 65.553

96, 8.450, 73.234

72, 73.314, 63.936

100, 0.488, 73.588

69, 80.960, 61.809

100, 0.012,
296.813

67, 85.890, 59.156

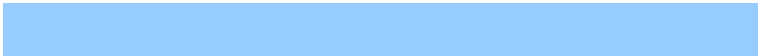
Harmonies

Complementary

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



85, 34.865, 69.294



80, 30.717, 261.712

Rectangle

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



85, 34.865, 69.294



85, 34.865, 119.294



85, 34.865, 249.294



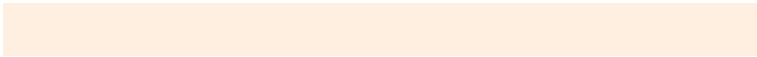
85, 34.865, 299.294

Sweetspot

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



85, 34.752, 69.513



95, 9.563, 73.072



75, 46.793, 346.794



50, 6.364, 72.915



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 34.752, 69.513



82, 42.738, 68.452



98, 50.704, 105.503



51, 4.503, 73.367



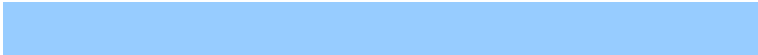
51, 68.914, 59.867



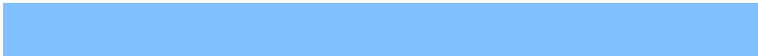
16, 27.017, 61.064

Inverse Universe

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



80, 30.717, 261.712



76, 36.738, 263.919



67, 56.251, 295.135



51, 4.398, 255.887



42, 57.418, 283.426



12, 23.407, 276.811

Previews

White Background



This preview shows how the CIELCh color 85, 34.865, 69.294 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 85, 34.865, 69.294 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 85, 34.865, 69.294

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.865, 69.294.



This preview shows how white text looks on a background with the CIELCh color 85, 34.865, 69.294.

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

85, 34.865, 69.294

Protanopia

85, 29.882, 95.249

Deuteranopia

85, 34.195, 71.870



Tritanopia
85, 22.618, 3.830

Trichromacy



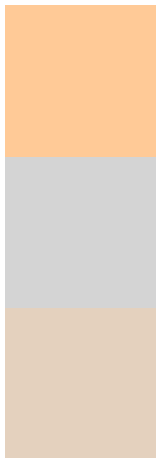
Original Color
85, 34.865, 69.294

Protanomaly
85, 31.126, 85.527

Deuteranomaly
85, 34.454, 71.330

Tritanomaly
85, 22.414, 34.357

Monochromacy



Original Color
85, 34.865, 69.294

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 12.321, 73.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.865, 69.294 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(255, 202, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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(255, 202, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.865, 69.294 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(255, 202, 151) }
```

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

```
.border{ border-color:rgb(255, 202, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.865, 69.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 151) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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