

Converting Colors

CIELCh(85, 33.121, 69.997)

Have a look what the booklet for
CIELCh(85, 33.121, 69.997) contains.

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Color

CIELCh(85, 33.157, 69.973)

Conversions

Conversions Part 1

Format	Color
Hex	FDCB9A
RGB	253, 203, 154
RGB Percent	99%, 80%, 60%
CMY	0.0074, 0.2035, 0.3956
CMYK	0.00, 0.20, 0.39, 0.01
HSL	30°, 96%, 80%
HSV	30°, 39%, 99%
XYZ	67.7760, 66.0070, 39.7878
YIQ	212.3640, 45.5290, -4.6390

Conversions

Conversions Part 2

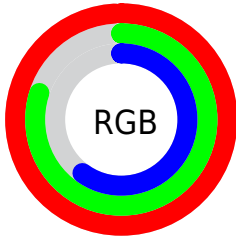
Format	Color
R _Y B	253, 251, 154
Decimal	16632730
CIE Lab	85.00, 11.36, 31.15
CIE LCh	85, 33.157, 69.973
Yxy	66.0070, 0.3905, 0.3803
Android (android.graphics.Color)	4294822810 (0xFFFD9A)
YUV	212.3640, -28.7735, 35.6378
Hunter-Lab	81.2447, 6.7301, 27.8353

Details

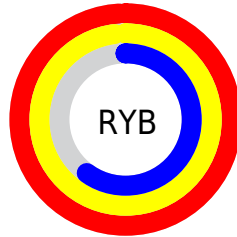
The CIELCh color **85, 33.157, 69.973** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 29.516, 261.640**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **65, 33.429, 70.019** is the 20% darker color. If you saturate the color by 10%, you get **82, 42.622, 68.705**, and if you desaturate by 10%, it is **89, 24.085, 71.242**.

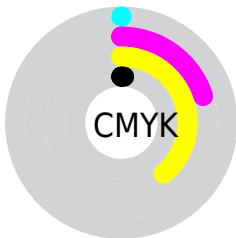
Distribution



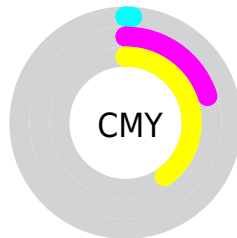
- Red (99%)
- Green (80%)
- Blue (60%)



- Red (99%)
- Yellow (98%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 33.157, 69.973 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, 33.157, 69.973 by changing the saturation by 10% instead.

 85, 33.157, 69.973

 85, 33.157, 69.973

 100, 33.157,
69.973

 75, 33.157, 69.973

 65, 33.157, 69.973

 55, 33.157, 69.973

 45, 33.157, 69.973

 35, 33.157, 69.973

 25, 33.157, 69.973

 15, 33.157, 69.973

 5, 33.157, 69.973

 0, 33.157, 69.973

85, 33.157, 69.973

85, 33.157, 69.973

82, 42.622, 68.705

89, 24.085, 71.242

78, 52.381, 67.404

92, 15.431, 72.490

75, 62.189, 66.025

96, 7.182, 73.700

72, 71.523, 64.447

100, 0.551,
244.786

69, 79.424, 62.415

100, 0.654,
200.378

66, 84.858, 59.633

66, 85.300, 59.389

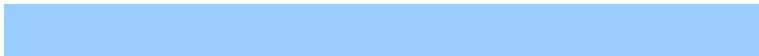
Harmonies

Complementary

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



85, 33.157, 69.973



80, 29.516, 261.640

Rectangle

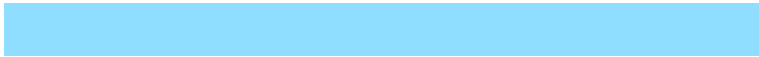
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 33.157, 69.973



85, 33.157, 119.973



85, 33.157, 249.973



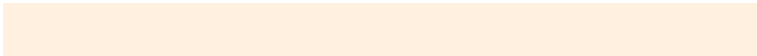
85, 33.157, 299.973

Sweetspot

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



85, 33.157, 69.979



95, 9.579, 73.358



75, 44.809, 346.600



50, 6.374, 73.201



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, 33.157, 69.979



83, 40.836, 68.973



97, 48.595, 105.650



51, 4.511, 73.655



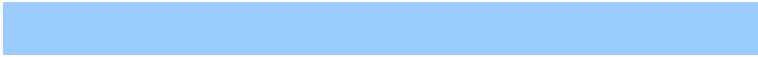
51, 68.836, 60.083



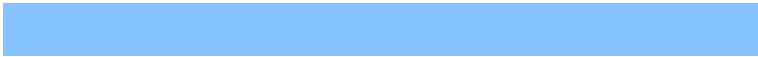
16, 27.014, 61.328

Inverse Universe

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



80, 29.516, 261.640



77, 35.421, 263.662



68, 53.641, 294.850



51, 4.407, 256.179



42, 57.726, 283.692



12, 23.519, 277.098

Previews

White Background



This preview shows how the CIELCh color 85, 33.157, 69.973 looks on a white background.

Color Contrast Check

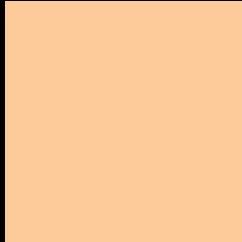
Large Text (above 18pt) WCAG AA × Fail

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, 33.157, 69.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

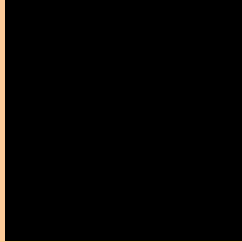
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 33.157, 69.973

Background



This preview shows how black text looks on a background with the CIELCh color 85, 33.157, 69.973.



This preview shows how white text looks on a background with the CIELCh color 85, 33.157, 69.973.

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, 33.157, 69.973

Protanopia

85, 28.874, 94.935

Deuteranopia

85, 33.026, 71.558



Tritanopia
85, 22.742, 2.557

Trichromacy



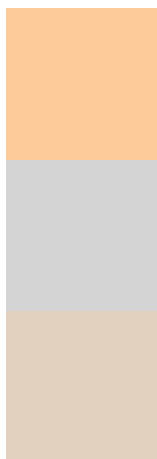
Original Color
85, 33.157, 69.973

Protanomaly
85, 29.510, 85.340

Deuteranomaly
85, 33.026, 71.558

Tritanomaly
85, 21.861, 33.289

Monochromacy



Original Color
85, 33.157, 69.973

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 11.659, 73.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 33.157, 69.973 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(253, 203, 154)` looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 154)  
}
```

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(253, 203, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 33.157, 69.973 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(253, 203, 154) }
```

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

```
.border{ border-color:rgb(253, 203, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 203, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 154);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 33.157, 69.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 203, 154) }
```

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

```
.background{ background-color: rgb(253,  
203, 154) }
```

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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