

Converting Colors

CIELCh(85, 34.582, 76.257)

Have a look what the booklet for
CIELCh(85, 34.582, 76.257) contains.

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Color

CIELCh(85, 34.689, 76.299)

Conversions

Conversions Part 1

Format	Color
Hex	F9CD95
RGB	249, 205, 149
RGB Percent	98%, 80%, 58%
CMY	0.0233, 0.1959, 0.4155
CMYK	0.00, 0.18, 0.40, 0.02
HSL	34°, 89%, 78%
HSV	34°, 40%, 98%
XYZ	66.3573, 66.0070, 37.6969
YIQ	211.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

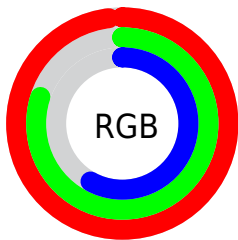
Format	Color
R _Y B	228, 249, 149
Decimal	16371093
CIE Lab	85.00, 8.22, 33.70
CIE LCh	85, 34.689, 76.299
Yxy	66.0070, 0.3902, 0.3881
Android (android.graphics.Color)	4294561173 (0xFFF9CD95)
YUV	211.7720, -30.9466, 32.6490
Hunter-Lab	81.2447, 3.6132, 29.3612

Details

The CIELCh color **85, 34.689, 76.299** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 32.261, 268.731**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **65, 34.516, 76.151** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.047, 74.903**, and if you desaturate by 10%, it is **88, 25.583, 77.672**.

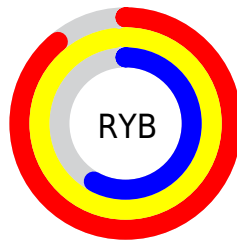
Distribution



Red (98%)

Green (80%)

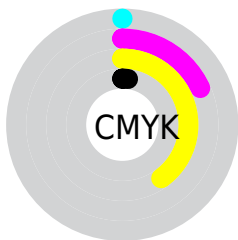
Blue (58%)



Red (89%)

Yellow (98%)

Blue (58%)

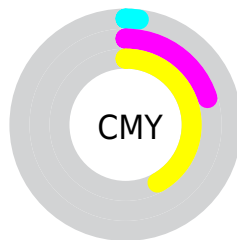


Cyan (0%)

Magenta (18%)

Yellow (40%)

Black (2%)



Cyan (2%)

Magenta (20%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 34.689, 76.299 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, 34.689, 76.299 by changing the saturation by 10% instead.

 85, 34.689, 76.299

 85, 34.689, 76.299

 100, 34.689,
76.299

 75, 34.689, 76.299

 65, 34.689, 76.299

 55, 34.689, 76.299

 45, 34.689, 76.299

 35, 34.689, 76.299

 25, 34.689, 76.299

 15, 34.689, 76.299

 5, 34.689, 76.299

 0, 34.689, 76.299

85, 34.689, 76.299

85, 34.689, 76.299

82, 44.047, 74.903

88, 25.583, 77.672

79, 53.515, 73.448

91, 16.782, 79.006

76, 62.787, 71.887

95, 8.296, 80.293

74, 71.273, 70.102

98, 0.114, 78.293

71, 77.999, 67.864

100, 2.063,
199.596

69, 82.215, 65.032

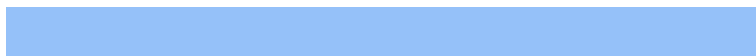
Harmonies

Complementary

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



85, 34.689, 76.299



77, 32.261, 268.731

Rectangle

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



85, 34.689, 76.299



85, 34.689, 126.299



85, 34.689, 256.299



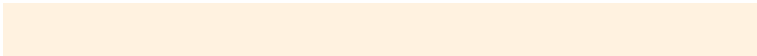
85, 34.689, 306.299

Sweetspot

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



85, 34.689, 76.304



96, 10.030, 80.059



73, 43.764, 350.751



51, 6.669, 79.892



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, 34.689, 76.304



84, 42.832, 75.200



96, 49.962, 108.569



50, 4.651, 80.374



53, 66.604, 65.700



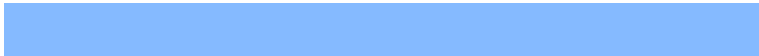
16, 25.964, 67.783

Inverse Universe

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



77, 32.261, 268.731



74, 39.273, 270.771



66, 55.474, 297.099



49, 4.589, 262.959



38, 64.849, 289.482



10, 25.549, 283.092

Previews

White Background



This preview shows how the CIELCh color 85, 34.689, 76.299 looks on a white background.

Color Contrast Check

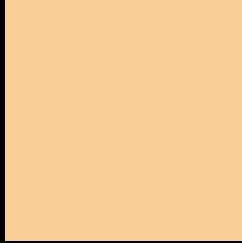
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 34.689, 76.299 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, 34.689, 76.299

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.689, 76.299.



This preview shows how white text looks on a background with the CIELCh color 85, 34.689, 76.299.

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, 34.689, 76.299

Protanopia

85, 31.984, 95.088

Deuteranopia

85, 35.329, 72.172



Tritanopia
85, 22.877, 1.299

Trichromacy



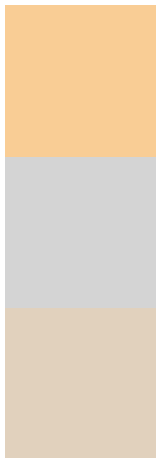
Original Color
85, 34.689, 76.299

Protanomaly
85, 32.275, 87.687

Deuteranomaly
85, 35.229, 73.668

Tritanomaly
85, 21.408, 36.332

Monochromacy



Original Color
85, 34.689, 76.299

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 12.131, 79.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.689, 76.299 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(249, 205, 149)` looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 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(249, 205, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.689, 76.299 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(249, 205, 149) }
```

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

```
.border{ border-color:rgb(249, 205, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 205, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 205, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 205, 149); box-shadow:4px 4px 4px 4px rgb(249, 205, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.689, 76.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 149) }
```

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

```
.background{ background-color: rgb(249,  
205, 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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