

Converting Colors

CIELCh(85, 31.582, 68.756)

Have a look what the booklet for
CIELCh(85, 31.582, 68.756) contains.

CIELCh(85, 31.606, 69.047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 31.606, 69.047)

Conversions

Conversions Part 1

Format	Color
Hex	FCCB9D
RGB	252, 203, 157
RGB Percent	99%, 80%, 62%
CMY	0.0108, 0.2030, 0.3834
CMYK	0.00, 0.19, 0.38, 0.01
HSL	29°, 95%, 80%
HSV	29°, 38%, 99%
XYZ	67.7520, 66.0070, 41.1692
YIQ	212.4070, 43.9700, -3.9180

Conversions

Conversions Part 2

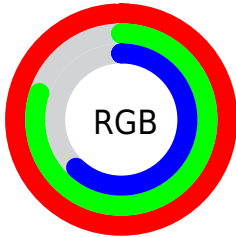
Format	Color
R _{YB}	252, 246, 157
Decimal	16567197
CIE _{Lab}	85.00, 11.30, 29.52
CIE _{LCh}	85, 31.606, 69.047
Yxy	66.0070, 0.3873, 0.3773
Android (android.graphics.Color)	4294757277 (0xFFFCB9D)
YUV	212.4070, -27.3157, 34.7231
Hunter-Lab	81.2447, 6.6774, 26.8272

Details

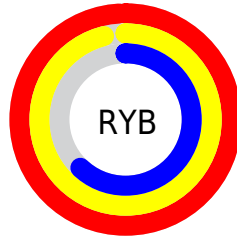
The CIELCh color **85, 31.606, 69.047** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 28.059, 260.074**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.724, 108.532**, and **65, 31.781, 69.150** is the 20% darker color. If you saturate the color by 10%, you get **81, 40.999, 67.811**, and if you desaturate by 10%, it is **89, 22.632, 70.289**.

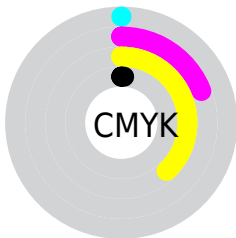
Distribution



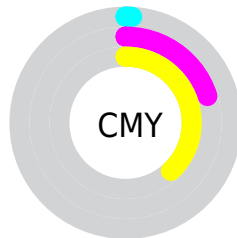
- Red (99%)
- Green (80%)
- Blue (62%)



- Red (99%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 31.606, 69.047 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, 31.606, 69.047 by changing the saturation by 10% instead.

 85, 31.606, 69.047

 85, 31.606, 69.047

 100, 31.606,
69.047

 75, 31.606, 69.047

 65, 31.606, 69.047

 55, 31.606, 69.047

 45, 31.606, 69.047

 35, 31.606, 69.047

 25, 31.606, 69.047

 15, 31.606, 69.047

 5, 31.606, 69.047

 0, 31.606, 69.047

85, 31.606, 69.047

85, 31.606, 69.047

81, 40.999, 67.811

89, 22.632, 70.289

78, 50.731, 66.551

92, 14.091, 71.513

75, 60.592, 65.230

96, 5.964, 72.693

72, 70.119, 63.738

100, 0.956,
200.038

69, 78.425, 61.840

66, 84.309, 59.175

66, 85.493, 58.526

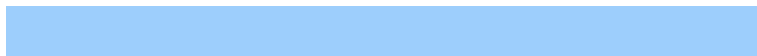
Harmonies

Complementary

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



85, 31.606, 69.047



81, 28.059, 260.074

Rectangle

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



85, 31.606, 69.047



85, 31.606, 119.047



85, 31.606, 249.047



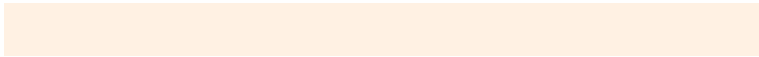
85, 31.606, 299.047

Sweetspot

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



85, 31.606, 69.053



96, 8.702, 72.310



76, 43.059, 346.421



51, 5.867, 72.150



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, 31.606, 69.053



83, 38.795, 68.140



97, 46.738, 105.790



50, 4.407, 72.486



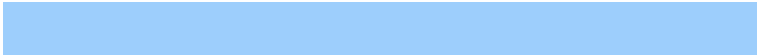
50, 68.455, 59.252



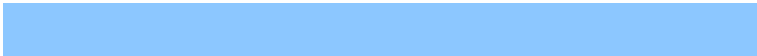
15, 25.846, 60.058

Inverse Universe

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



81, 28.059, 260.074



78, 33.556, 261.896



69, 51.354, 294.587



50, 4.299, 254.984



42, 55.872, 282.551



12, 22.314, 275.516

Previews

White Background



This preview shows how the CIELCh color 85, 31.606, 69.047 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, 31.606, 69.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

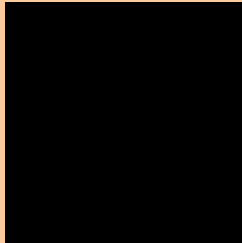
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 31.606, 69.047

Background



This preview shows how black text looks on a background with the CIELCh color 85, 31.606, 69.047.



This preview shows how white text looks on a background with the CIELCh color 85, 31.606, 69.047.

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, 31.606, 69.047

Protanopia

85, 27.268, 95.226

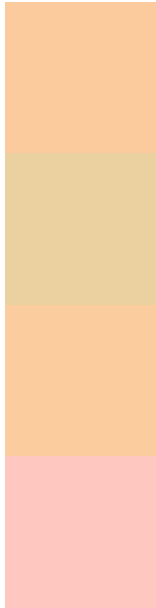
Deuteranopia

85, 31.464, 70.706



Tritanopia
85, 22.742, 2.557

Trichromacy



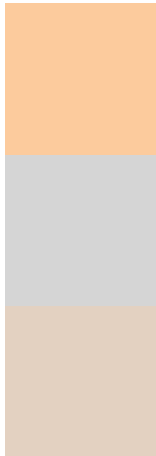
Original Color
85, 31.606, 69.047

Protanomaly
85, 27.893, 85.109

Deuteranomaly
85, 31.464, 70.706

Tritanomaly
85, 21.707, 31.987

Monochromacy



Original Color
85, 31.606, 69.047

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 10.810, 70.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 31.606, 69.047 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(252, 203, 157)` looks like.

```
.text, #text, p{  
    color:rgb(252, 203, 157)  
}
```

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(252, 203, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 203, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 31.606, 69.047 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(252, 203, 157) }
```

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

```
.border{ border-color:rgb(252, 203, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 203, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 203, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 203, 157);  
box-shadow:4px 4px 4px 4px rgb(252, 203,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 31.606, 69.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 203, 157) }
```

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

```
.background{ background-color: rgb(252,  
203, 157) }
```

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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