

Converting Colors

CIELCh(85, 27.597, 64.325)

Have a look what the booklet for
CIELCh(85, 27.597, 64.325) contains.

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Color

CIELCh(85, 27.614, 64.316)

Conversions

Conversions Part 1

Format	Color
Hex	FBCBA6
RGB	251, 203, 166
RGB Percent	98%, 80%, 65%
CMY	0.0155, 0.2037, 0.3488
CMYK	0.00, 0.19, 0.34, 0.02
HSL	26°, 91%, 82%
HSV	26°, 34%, 98%
XYZ	68.0554, 66.0070, 45.2515
YIQ	213.1340, 40.4850, -1.3310

Conversions

Conversions Part 2

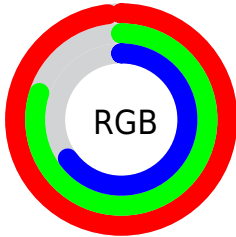
Format	Color
RYB	251, 232, 166
Decimal	16501670
CIELab	85.00, 11.97, 24.89
CIELCh	85, 27.614, 64.316
Yxy	66.0070, 0.3795, 0.3681
Android (android.graphics.Color)	4294691750 (0xFFFBCBA6)
YUV	213.1340, -23.2371, 33.2085
Hunter-Lab	81.2447, 7.3440, 23.8481

Details

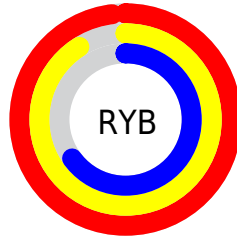
The CIELCh color **85, 27.614, 64.316** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 24.103, 253.364**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **65, 27.524, 64.437** is the 20% darker color. If you saturate the color by 10%, you get **81, 36.851, 63.244**, and if you desaturate by 10%, it is **89, 18.886, 65.419**.

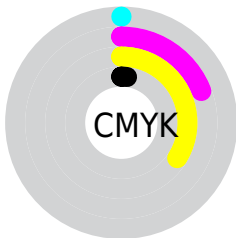
Distribution



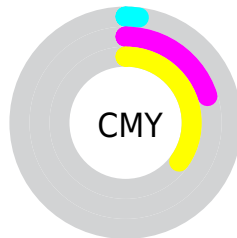
- Red (98%)
- Green (80%)
- Blue (65%)



- Red (98%)
- Yellow (91%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 27.614, 64.316 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, 27.614, 64.316 by changing the saturation by 10% instead.

 85, 27.614, 64.316

 85, 27.614, 64.316

 100, 27.614,
64.316

 75, 27.614, 64.316

 65, 27.614, 64.316

 55, 27.614, 64.316

 45, 27.614, 64.316

 35, 27.614, 64.316

 25, 27.614, 64.316

 15, 27.614, 64.316

 5, 27.614, 64.316

 0, 27.614, 64.316

85, 27.614, 64.316

85, 27.614, 64.316

81, 36.851, 63.244

89, 18.886, 65.419

77, 46.565, 62.182

93, 10.653, 66.516

74, 56.632, 61.112

97, 2.879, 67.510

71, 66.733, 59.954

100, 1.372,
199.801

67, 76.185, 58.520

65, 83.778, 56.438

63, 87.296, 54.821

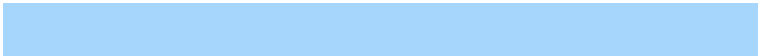
Harmonies

Complementary

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



85, 27.614, 64.316



84, 24.103, 253.364

Rectangle

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



85, 27.614, 64.316



85, 27.614, 114.316



85, 27.614, 244.316



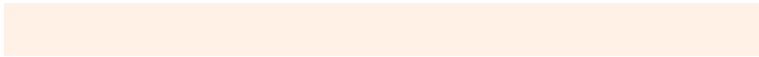
85, 27.614, 294.316

Sweetspot

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



85, 27.614, 64.323



96, 7.698, 66.929



78, 39.783, 343.228



51, 5.273, 66.779



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, 27.614, 64.323



83, 34.597, 63.547



96, 40.088, 103.845



50, 4.298, 66.983



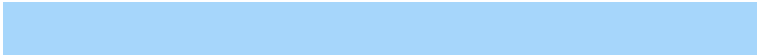
48, 70.082, 55.525



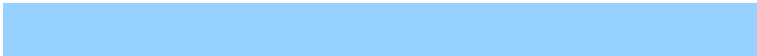
14, 26.020, 55.217

Inverse Universe

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



84, 24.103, 253.364



82, 29.212, 254.971



73, 43.141, 291.921



50, 4.161, 249.331



44, 50.560, 277.032



13, 20.468, 269.648

Previews

White Background



This preview shows how the CIELCh color 85, 27.614, 64.316 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, 27.614, 64.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

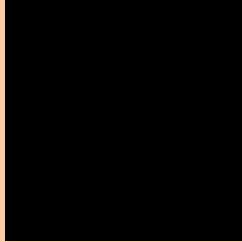
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 27.614, 64.316

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.614, 64.316.



This preview shows how white text looks on a background with the CIELCh color 85, 27.614, 64.316.

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, 27.614, 64.316
Protanopia
85, 22.622, 94.220
Deuteranopia
85, 27.121, 66.799



Tritanopia
85, 22.877, 1.299

Trichromacy



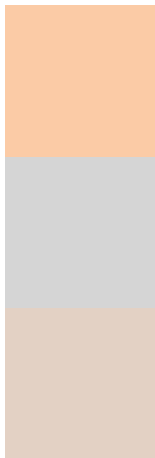
Original Color
85, 27.614, 64.316

Protanomaly
85, 23.397, 82.279

Deuteranomaly
85, 27.404, 66.184

Tritanomaly
85, 21.216, 26.604

Monochromacy



Original Color
85, 27.614, 64.316

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 9.611, 64.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.614, 64.316 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(251, 203, 166)` looks like.

```
.text, #text, p{  
    color:rgb(251, 203, 166)  
}
```

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(251, 203, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.614, 64.316 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(251, 203, 166) }
```

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

```
.border{ border-color:rgb(251, 203, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 203, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 166);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.614, 64.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 166) }
```

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

```
.background{ background-color: rgb(251,  
203, 166) }
```

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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