

Converting Colors

CIELCh(85, 29.508, 63.785)

Have a look what the booklet for
CIELCh(85, 29.508, 63.785) contains.

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Color

CIELCh(85, 29.635, 63.378)

Conversions

Conversions Part 1

Format	Color
Hex	FECAA3
RGB	254, 202, 163
RGB Percent	100%, 79%, 64%
CMY	0.0036, 0.2075, 0.3605
CMYK	0.00, 0.20, 0.36, 0.00
HSL	26°, 98%, 82%
HSV	26°, 36%, 100%
XYZ	68.6557, 66.0070, 43.8051
YIQ	213.1020, 43.5110, -1.1050

Conversions

Conversions Part 2

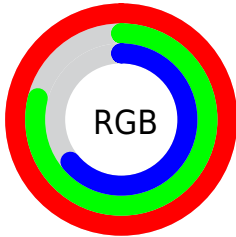
Format	Color
RYB	254, 231, 163
Decimal	16698019
CIELab	85.00, 13.28, 26.49
CIELCh	85, 29.635, 63.378
Yxy	66.0070, 0.3847, 0.3699
Android (android.graphics.Color)	4294888099 (0xFFFECAA3)
YUV	213.1020, -24.7003, 35.8675
Hunter-Lab	81.2447, 8.6630, 24.9036

Details

The CIELCh color **85, 29.635, 63.378** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 25.520, 252.940**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **65, 29.704, 63.358** is the 20% darker color. If you saturate the color by 10%, you get **81, 39.074, 62.336**, and if you desaturate by 10%, it is **89, 20.719, 64.455**.

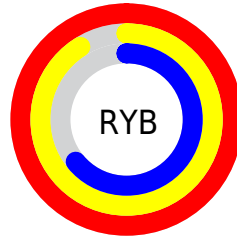
Distribution



Red (100%)

Green (79%)

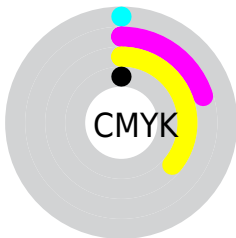
Blue (64%)



Red (100%)

Yellow (91%)

Blue (64%)

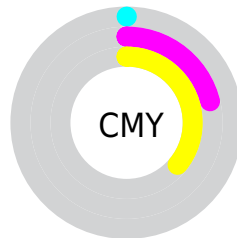


Cyan (0%)

Magenta (20%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 29.635, 63.378 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, 29.635, 63.378 by changing the saturation by 10% instead.

 85, 29.635, 63.378

 85, 29.635, 63.378

 100, 29.635,
63.378

 75, 29.635, 63.378

 65, 29.635, 63.378

 55, 29.635, 63.378

 45, 29.635, 63.378

 35, 29.635, 63.378

 25, 29.635, 63.378

 15, 29.635, 63.378

 5, 29.635, 63.378

 0, 29.635, 63.378

85, 29.635, 63.378

85, 29.635, 63.378

81, 39.074, 62.336

89, 20.719, 64.455

77, 48.994, 61.307

93, 12.318, 65.535

74, 59.242, 60.264

97, 4.398, 66.564

70, 69.443, 59.112

100, 0.320,
201.454

67, 78.808, 57.628

64, 86.014, 55.398

63, 88.428, 54.316

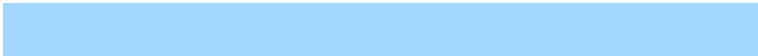
Harmonies

Complementary

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



85, 29.635, 63.378



84, 25.520, 252.940

Rectangle

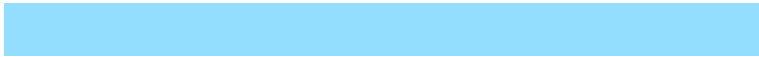
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 29.635, 63.378



85, 29.635, 113.378



85, 29.635, 243.378



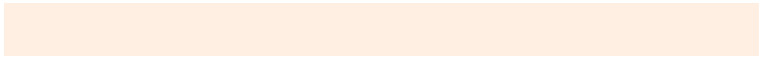
85, 29.635, 293.378

Sweetspot

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



85, 29.635, 63.385



95, 8.470, 66.047



77, 42.917, 342.562



50, 5.714, 65.904



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, 29.635, 63.385



82, 36.470, 62.628



96, 42.107, 102.808



51, 4.358, 66.202



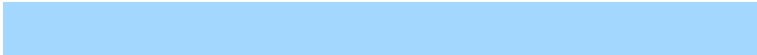
48, 71.052, 55.006



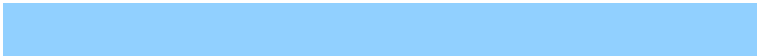
15, 27.257, 54.861

Inverse Universe

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



84, 25.520, 252.940



81, 30.337, 254.603



72, 45.398, 291.561



51, 4.214, 248.528



45, 50.409, 276.247



14, 20.894, 269.194

Previews

White Background



This preview shows how the CIELCh color 85, 29.635, 63.378 looks on a white background.

Color Contrast Check

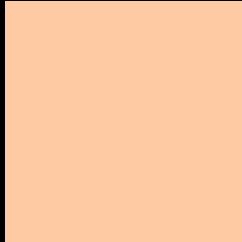
Large Text (above 18pt) WCAG AA × Fail

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, 29.635, 63.378 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, 29.635, 63.378

Background



This preview shows how black text looks on a background with the CIELCh color 85, 29.635, 63.378.

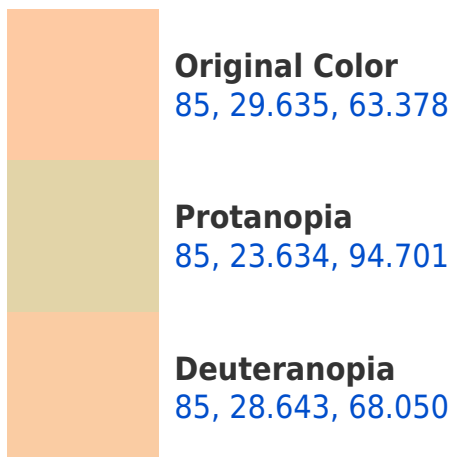


This preview shows how white text looks on a background with the CIELCh color 85, 29.635, 63.378.

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





Tritanopia
85, 22.742, 2.557

Trichromacy



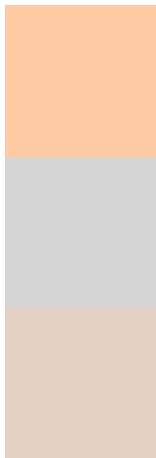
Original Color
85, 29.635, 63.378

Protanomaly
85, 24.740, 81.512

Deuteranomaly
85, 28.824, 66.247

Tritanomaly
85, 21.712, 27.875

Monochromacy



Original Color
85, 29.635, 63.378

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 10.264, 65.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 29.635, 63.378 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(254, 202, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 163)  
}
```

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(254, 202, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 29.635, 63.378 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(254, 202, 163) }
```

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

```
.border{ border-color:rgb(254, 202, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 29.635, 63.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 163) }
```

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

```
.background{ background-color: rgb(254,  
202, 163) }
```

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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