

Converting Colors

CIELCh(85, 30.253, 61.339)

Have a look what the booklet for
CIELCh(85, 30.253, 61.339) contains.

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Color

CIELCh(85, 29.895, 61.678)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9A3
RGB	255, 201, 163
RGB Percent	100%, 79%, 64%
CMY	0.0000, 0.2099, 0.3590
CMYK	0.00, 0.21, 0.36, 0.00
HSL	25°, 100%, 82%
HSV	25°, 36%, 100%
XYZ	69.0714, 66.0070, 43.9626
YIQ	212.8140, 44.3820, -0.3700

Conversions

Conversions Part 2

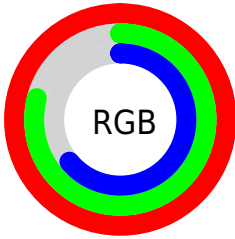
Format	Color
RYB	255, 228, 163
Decimal	16763299
CIELab	85.00, 14.18, 26.32
CIELCh	85, 29.895, 61.678
Yxy	66.0070, 0.3858, 0.3687
Android (android.graphics.Color)	4294953379 (0xFFFFC9A3)
YUV	212.8140, -24.5583, 36.9971
Hunter-Lab	81.2447, 9.5761, 24.7887

Details

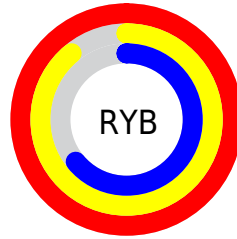
The CIELCh color **85, 29.895, 61.678** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 25.375, 251.260**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **65, 29.999, 61.579** is the 20% darker color. If you saturate the color by 10%, you get **81, 39.239, 60.950**, and if you desaturate by 10%, it is **89, 20.787, 62.963**.

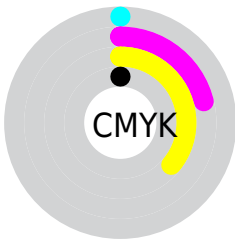
Distribution



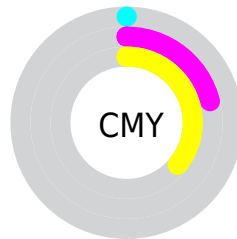
- Red (100%)
- Green (79%)
- Blue (64%)



- Red (100%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 29.895, 61.678 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, 29.895, 61.678 by changing the saturation by 10% instead.

 85, 29.895, 61.678

 85, 29.895, 61.678

 100, 29.895,
61.678

 75, 29.895, 61.678

 65, 29.895, 61.678

 55, 29.895, 61.678

 45, 29.895, 61.678

 35, 29.895, 61.678

 25, 29.895, 61.678

 15, 29.895, 61.678

 5, 29.895, 61.678

 0, 29.895, 61.678

85, 29.895, 61.678

85, 29.895, 61.678

81, 39.239, 60.950

89, 20.787, 62.963

77, 49.245, 59.987

93, 12.370, 64.000

74, 59.609, 59.020

97, 4.451, 64.992

70, 69.960, 57.953

100, 0.012,
296.813

67, 79.502, 56.559

64, 86.883, 54.410

63, 89.321, 53.386

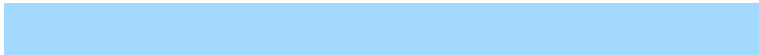
Harmonies

Complementary

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



85, 29.895, 61.678



84, 25.375, 251.260

Rectangle

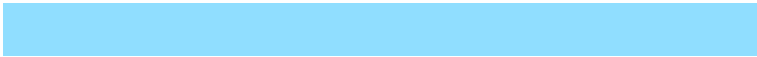
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 29.895, 61.678



85, 29.895, 111.678



85, 29.895, 241.678



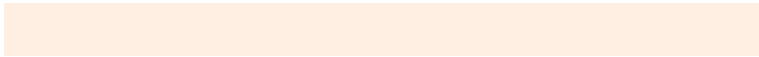
85, 29.895, 291.678

Sweetspot

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



85, 29.739, 61.941



95, 8.429, 64.502



78, 43.600, 341.713



50, 5.687, 64.364



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, 29.739, 61.941



82, 36.427, 61.234



96, 41.676, 101.939



51, 4.337, 64.652



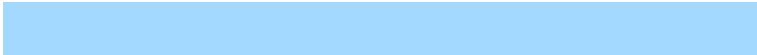
48, 71.552, 54.075



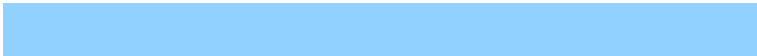
15, 27.345, 53.613

Inverse Universe

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



84, 25.375, 251.260



81, 29.972, 252.881



73, 44.775, 290.841



51, 4.185, 246.919



46, 49.054, 274.541



14, 20.420, 267.417

Previews

White Background



This preview shows how the CIELCh color 85, 29.895, 61.678 looks on a white background.

Color Contrast Check

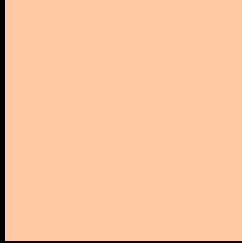
Large Text (above 18pt) WCAG AA × Fail

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, 29.895, 61.678 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, 29.895, 61.678

Background



This preview shows how black text looks on a background with the CIELCh color 85, 29.895, 61.678.



This preview shows how white text looks on a background with the CIELCh color 85, 29.895, 61.678.

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, 29.895, 61.678

Protanopia

85, 23.634, 94.701

Deuteranopia

85, 28.368, 68.659



Tritanopia
85, 22.618, 3.830

Trichromacy



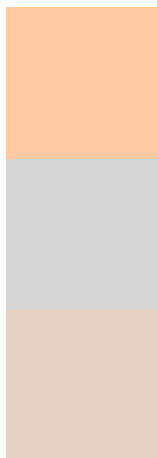
Original Color
85, 29.895, 61.678

Protanomaly
85, 24.932, 80.693

Deuteranomaly
85, 28.824, 66.247

Tritanomaly
85, 21.828, 29.204

Monochromacy



Original Color
85, 29.895, 61.678

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, 29.895, 61.678 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(255, 201, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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(255, 201, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 29.895, 61.678 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(255, 201, 163) }
```

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

```
.border{ border-color:rgb(255, 201, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 201, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 29.895, 61.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 163) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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