

Converting Colors

CIELCh(84, 29.018, 59.228)

Have a look what the booklet for
CIELCh(84, 29.018, 59.228) contains.

CIELCh(84, 29.186, 59.110)	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(84, 29.186, 59.110)

Conversions

Conversions Part 1

Format	Color
Hex	FDC6A3
RGB	253, 198, 163
RGB Percent	99%, 78%, 64%
CMY	0.0069, 0.2227, 0.3600
CMYK	0.00, 0.22, 0.36, 0.01
HSL	23°, 96%, 82%
HSV	23°, 36%, 99%
XYZ	67.4662, 64.0658, 43.5589
YIQ	210.4550, 44.0150, 0.7750

Conversions

Conversions Part 2

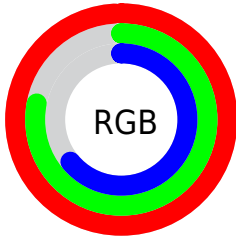
Format	Color
R _Y B	253, 220, 163
Decimal	16631459
CIE Lab	84.00, 14.98, 25.05
CIE LCh	84, 29.186, 59.110
Yxy	64.0658, 0.3853, 0.3659
Android (android.graphics.Color)	4294821539 (0xFFFD C6A3)
YUV	210.4550, -23.3953, 37.3120
Hunter-Lab	80.0411, 10.3848, 23.7627

Details

The CIELCh color **84, 29.186, 59.110** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 24.534, 247.724**, 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 **64, 29.275, 58.929** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.677, 58.249**, and if you desaturate by 10%, it is **88, 20.279, 60.030**.

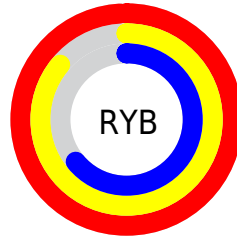
Distribution



Red (99%)

Green (78%)

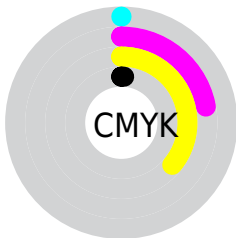
Blue (64%)



Red (99%)

Yellow (86%)

Blue (64%)

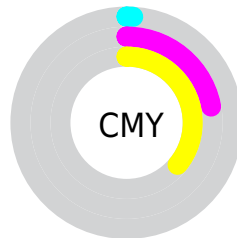


Cyan (0%)

Magenta (22%)

Yellow (36%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 29.186, 59.110 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 84, 29.186, 59.110 by changing the saturation by 10% instead.

 84, 29.186, 59.110

 84, 29.186, 59.110

 100, 29.186,
59.110

 74, 29.186, 59.110

 64, 29.186, 59.110

 54, 29.186, 59.110

 44, 29.186, 59.110

 34, 29.186, 59.110

 24, 29.186, 59.110

 14, 29.186, 59.110

 4, 29.186, 59.110

 0, 29.186, 59.110

84, 29.186, 59.110

84, 29.186, 59.110

80, 38.677, 58.249

88, 20.279, 60.030

76, 48.723, 57.429

93, 11.939, 60.972

72, 59.189, 56.629

97, 4.123, 61.872

69, 69.730, 55.759

100, 0.614,
200.445

66, 79.582, 54.593

63, 87.375, 52.688

61, 90.156, 51.666

Harmonies

Complementary

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



84, 29.186, 59.110



85, 24.534, 247.724

Rectangle

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



84, 29.186, 59.110



84, 29.186, 109.110



84, 29.186, 239.110



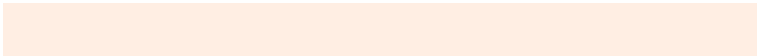
84, 29.186, 289.110

Sweetspot

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



84, 29.185, 59.117



95, 8.368, 61.398



77, 43.400, 340.838



50, 5.648, 61.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

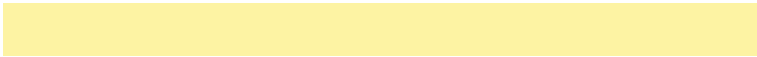
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 29.185, 59.117



81, 36.409, 58.464



95, 40.410, 101.092



51, 4.304, 61.535



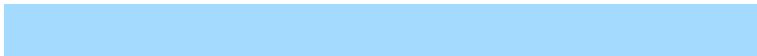
47, 72.582, 52.322



14, 27.557, 51.201

Inverse Universe

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



85, 24.534, 247.724



82, 29.329, 249.362



73, 43.207, 290.011



51, 4.137, 243.668



48, 46.500, 270.923



14, 19.540, 263.696

Previews

White Background



This preview shows how the CIELCh color 84, 29.186, 59.110 looks on a white background.

Color Contrast Check

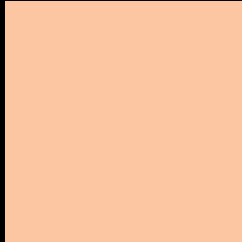
Large Text (above 18pt) WCAG AA × Fail

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 84, 29.186, 59.110 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 84, 29.186, 59.110

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.186, 59.110.



This preview shows how white text looks on a background with the CIELCh color 84, 29.186, 59.110.

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

84, 29.186, 59.110

Protanopia

84, 22.176, 93.920

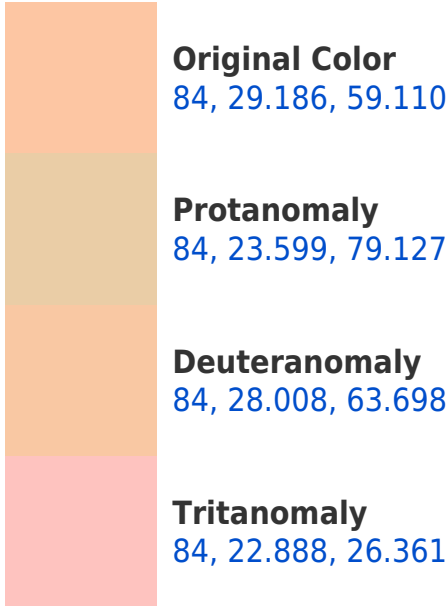
Deuteranopia

84, 27.212, 66.754

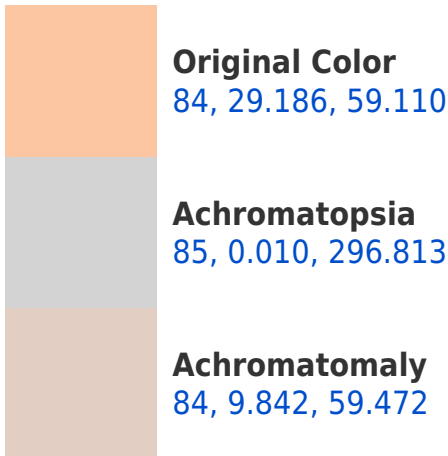


Tritanopia
84, 24.273, 3.912

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.186, 59.110 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(253, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 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(253, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.186, 59.110 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(253, 198, 163) }
```

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

```
.border{ border-color:rgb(253, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.186, 59.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 163) }
```

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

```
.background{ background-color: rgb(253,  
198, 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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