

Converting Colors

CIELCh(84, 28.910, 54.149)

Have a look what the booklet for
CIELCh(84, 28.910, 54.149) contains.

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Color

CIELCh(84, 28.799, 54.748)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5A6
RGB	255, 197, 166
RGB Percent	100%, 77%, 65%
CMY	0.0000, 0.2267, 0.3484
CMYK	0.00, 0.23, 0.35, 0.00
HSL	21°, 100%, 83%
HSV	21°, 35%, 100%
XYZ	68.2124, 64.0658, 44.9281
YIQ	210.8080, 44.5190, 2.6550

Conversions

Conversions Part 2

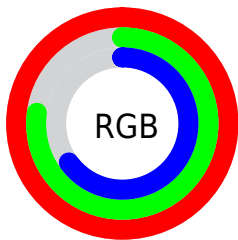
Format	Color
R _Y B	255, 214, 166
Decimal	16762278
CIE Lab	84.00, 16.62, 23.52
CIE LCh	84, 28.799, 54.748
Yxy	64.0658, 0.3849, 0.3615
Android (android.graphics.Color)	4294952358 (0xFFFFC5A6)
YUV	210.8080, -22.0903, 38.7564
Hunter-Lab	80.0411, 12.0488, 22.7485

Details

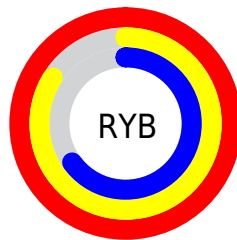
The CIELCh color **84, 28.799, 54.748** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 23.695, 242.174**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.704, 107.652**, and **64, 28.881, 54.422** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.364, 54.179**, and if you desaturate by 10%, it is **88, 19.749, 55.567**.

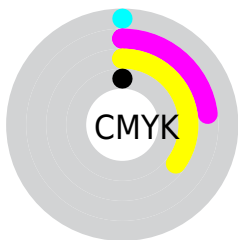
Distribution



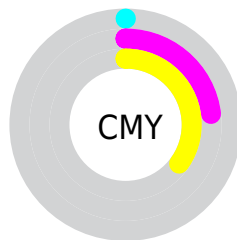
- Red (100%)
- Green (77%)
- Blue (65%)



- Red (100%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.799, 54.748 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, 28.799, 54.748 by changing the saturation by 10% instead.

 84, 28.799, 54.748

 84, 28.799, 54.748

 100, 28.799,
54.748

 74, 28.799, 54.748

 64, 28.799, 54.748

 54, 28.799, 54.748

 44, 28.799, 54.748

 34, 28.799, 54.748

 24, 28.799, 54.748

 14, 28.799, 54.748

 4, 28.799, 54.748

 0, 28.799, 54.748

84, 28.799, 54.748

84, 28.799, 54.748

80, 38.364, 54.179

88, 19.749, 55.567

75, 48.617, 53.600

93, 11.380, 56.345

72, 59.380, 53.082

98, 3.579, 57.077

68, 70.338, 52.545

100, 0.012,
296.813

65, 80.763, 51.769

62, 89.260, 50.296

60, 92.705, 49.283

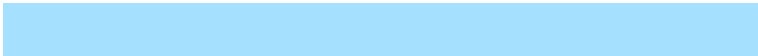
Harmonies

Complementary

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



84, 28.799, 54.748



86, 23.695, 242.174

Rectangle

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



84, 28.799, 54.748



84, 28.799, 104.748



84, 28.799, 234.748



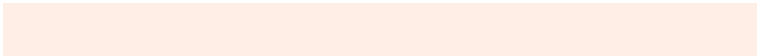
84, 28.799, 284.748

Sweetspot

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



84, 28.735, 54.837



95, 7.541, 56.723



78, 44.214, 338.379



50, 5.170, 56.614



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, 28.735, 54.837



81, 35.568, 54.357



95, 38.016, 98.326



51, 4.280, 56.760



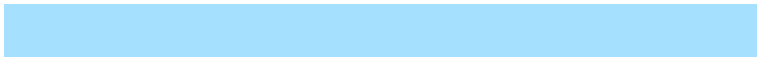
46, 74.202, 49.914



14, 27.957, 47.739

Inverse Universe

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



86, 23.695, 242.174



84, 27.990, 243.599



75, 40.067, 287.411



51, 4.090, 238.646



50, 43.025, 264.832



15, 18.376, 257.568

Previews

White Background



This preview shows how the CIELCh color 84, 28.799, 54.748 looks on a white background.

Color Contrast Check

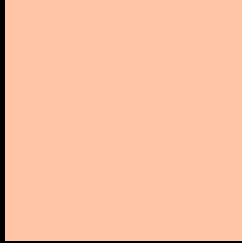
Large Text (above 18pt) WCAG AA × Fail

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 84, 28.799, 54.748 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, 28.799, 54.748

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.799, 54.748.



This preview shows how white text looks on a background with the CIELCh color 84, 28.799, 54.748.

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, 28.799, 54.748

Protanopia

84, 20.048, 93.807

Deuteranopia

84, 26.108, 66.041



Tritanopia
84, 24.273, 3.912

Trichromacy



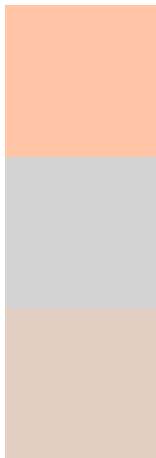
Original Color
84, 28.799, 54.748

Protanomaly
84, 21.755, 76.772

Deuteranomaly
84, 27.225, 62.311

Tritanomaly
84, 23.190, 25.042

Monochromacy



Original Color
84, 28.799, 54.748

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.810, 55.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.799, 54.748 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, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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(255, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.799, 54.748 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, 197, 166) }
```

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

```
.border{ border-color:rgb(255, 197, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.799, 54.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 166) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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