

Converting Colors

CIELCh(84, 28.397, 53.154)

Have a look what the booklet for
CIELCh(84, 28.397, 53.154) contains.

CIELCh(84, 28.128, 53.172)	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, 28.128, 53.172)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5A8
RGB	255, 197, 168
RGB Percent	100%, 77%, 66%
CMY	0.0000, 0.2272, 0.3409
CMYK	0.00, 0.23, 0.34, 0.00
HSL	20°, 100%, 83%
HSV	20°, 34%, 100%
XYZ	68.3214, 64.0658, 45.8423
YIQ	211.0360, 43.8770, 3.2770

Conversions

Conversions Part 2

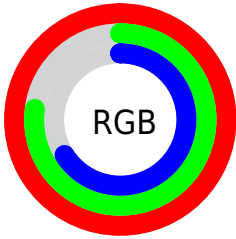
Format	Color
R _Y B	255, 212, 168
Decimal	16762280
CIE Lab	84.00, 16.86, 22.51
CIE LCh	84, 28.128, 53.172
Yxy	64.0658, 0.3833, 0.3595
Android (android.graphics.Color)	4294952360 (0xFFFFC5A8)
YUV	211.0360, -21.2167, 38.5564
Hunter-Lab	80.0411, 12.2919, 22.0713

Details

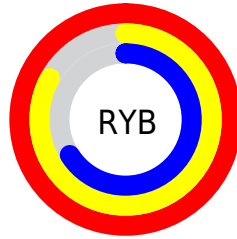
The CIELCh color **84, 28.128, 53.172** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 23.096, 239.901**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.695, 107.651**, and **64, 28.161, 52.796** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.740, 52.634**, and if you desaturate by 10%, it is **89, 19.127, 53.866**.

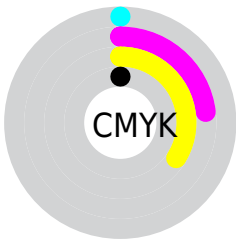
Distribution



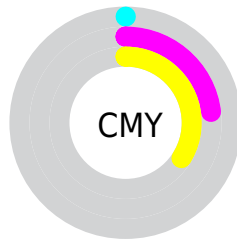
- Red (100%)
- Green (77%)
- Blue (66%)



- Red (100%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.128, 53.172 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, 28.128, 53.172 by changing the saturation by 10% instead.

 84, 28.128, 53.172

 84, 28.128, 53.172

 100, 28.128,
53.172

 74, 28.128, 53.172

 64, 28.128, 53.172

 54, 28.128, 53.172

 44, 28.128, 53.172

 34, 28.128, 53.172

 24, 28.128, 53.172

 14, 28.128, 53.172

 4, 28.128, 53.172

 0, 28.128, 53.172

84, 28.128, 53.172

84, 28.128, 53.172

80, 37.740, 52.634

89, 19.127, 53.866

75, 48.026, 52.152

93, 10.782, 54.575

71, 58.858, 51.749

98, 3.018, 55.218

68, 69.945, 51.353

100, 0.012,
296.813

64, 80.602, 50.759

61, 89.464, 49.516

60, 93.509, 48.447

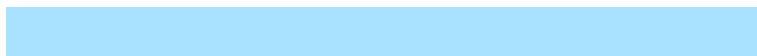
Harmonies

Complementary

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



84, 28.128, 53.172



87, 23.096, 239.901

Rectangle

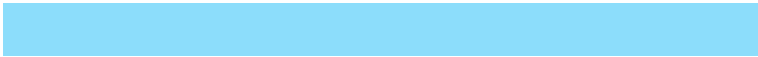
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 28.128, 53.172



84, 28.128, 103.172



84, 28.128, 233.172



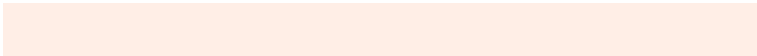
84, 28.128, 283.172

Sweetspot

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



84, 28.102, 53.209



95, 7.538, 54.867



79, 43.287, 338.312



50, 5.169, 54.768



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, 28.102, 53.209



81, 34.689, 52.802



95, 37.210, 98.414



51, 4.278, 54.902



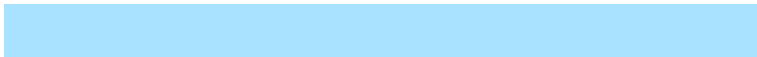
45, 74.838, 49.060



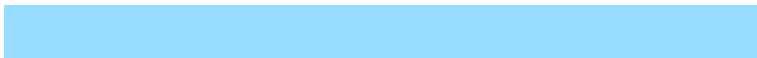
13, 28.134, 46.465

Inverse Universe

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



87, 23.096, 239.901



84, 27.204, 241.196



76, 39.161, 287.271



51, 4.080, 236.679



51, 41.818, 262.264



16, 17.983, 255.037

Previews

White Background



This preview shows how the CIELCh color 84, 28.128, 53.172 looks on a white background.

Color Contrast Check

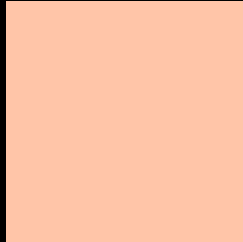
Large Text (above 18pt) WCAG AA × Fail

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, 28.128, 53.172 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, 28.128, 53.172

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.128, 53.172.



This preview shows how white text looks on a background with the CIELCh color 84, 28.128, 53.172.

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, 28.128, 53.172

Protanopia

84, 19.035, 93.150

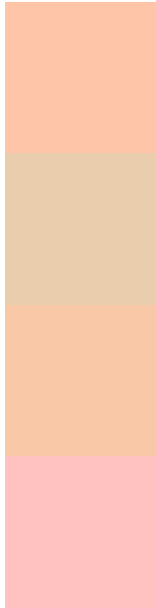
Deuteranopia

84, 25.302, 64.607



Tritanopia
84, 24.273, 3.912

Trichromacy



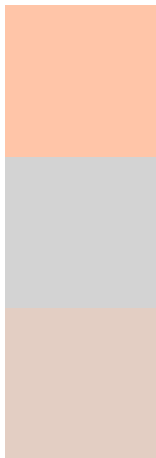
Original Color
84, 28.128, 53.172

Protanomaly
84, 20.849, 75.425

Deuteranomaly
84, 26.460, 60.837

Tritanomaly
84, 23.461, 22.512

Monochromacy



Original Color
84, 28.128, 53.172

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, 28.128, 53.172 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.128, 53.172 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, 168) }
```

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

```
.border{ border-color:rgb(255, 197, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.128, 53.172 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
197, 168) }
```

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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