

Converting Colors

CIELCh(84, 19.749, 14.905)

Have a look what the booklet for
CIELCh(84, 19.749, 14.905) contains.

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Color

CIELCh(84, 19.749, 14.905)

Conversions

Conversions Part 1

Format	Color
Hex	F9C5C9
RGB	249, 197, 201
RGB Percent	98%, 77%, 79%
CMY	0.0249, 0.2287, 0.2130
CMYK	0.00, 0.21, 0.19, 0.02
HSL	355°, 80%, 87%
HSV	355°, 21%, 98%
XYZ	69.3442, 64.0658, 63.7709
YIQ	213.0040, 29.7080, 12.2680

Conversions

Conversions Part 2

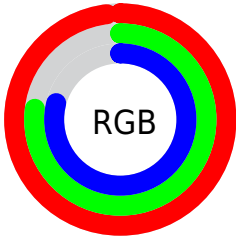
Format	Color
R _Y B	249, 197, 201
Decimal	16369097
CIE _{Lab}	84.00, 19.08, 5.08
CIE _{LCh}	84, 19.749, 14.905
Y _{xy}	64.0658, 0.3517, 0.3249
Android (android.graphics.Color)	4294559177 (0xFFFF9C5C9)
YUV	213.0040, -5.9180, 31.5685
Hunter-Lab	80.0411, 14.5730, 8.7908

Details

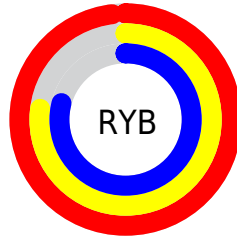
The CIELCh color **84, 19.749, 14.905** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 17.536, 191.542**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **64, 19.818, 15.045** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.151, 16.186**, and if you desaturate by 10%, it is **91, 9.953, 13.868**.

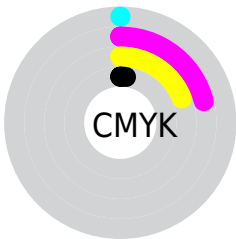
Distribution



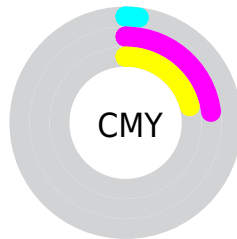
- Red (98%)
- Green (77%)
- Blue (79%)



- Red (98%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 19.749, 14.905 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, 19.749, 14.905 by changing the saturation by 10% instead.

 84, 19.749, 14.905

 84, 19.749, 14.905

 100, 19.749,
14.905

 74, 19.749, 14.905

 64, 19.749, 14.905

 54, 19.749, 14.905

 44, 19.749, 14.905

 34, 19.749, 14.905

 24, 19.749, 14.905

 14, 19.749, 14.905

 4, 19.749, 14.905

 0, 19.749, 14.905

84, 19.749, 14.905

84, 19.749, 14.905

78, 30.151, 16.186

91, 9.953, 13.868

72, 41.066, 17.793

97, 0.799, 12.312

66, 52.291, 19.847

100, 2.198,
199.567

61, 63.519, 22.478

57, 74.369, 25.800

55, 84.444, 29.809

53, 93.263, 34.191

52, 99.462, 37.658

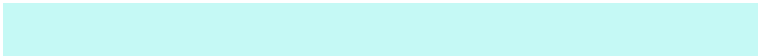
Harmonies

Complementary

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



84, 19.749, 14.905



94, 17.536, 191.542

Rectangle

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



84, 19.749, 14.905



84, 19.749, 64.905



84, 19.749, 194.905



84, 19.749, 244.905

Sweetspot

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



84, 19.747, 14.911



96, 5.496, 13.391



85, 31.988, 323.216



51, 3.654, 13.457



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, 19.747, 14.911



83, 24.435, 15.404



89, 16.186, 63.636



49, 5.185, 13.732



39, 80.191, 37.009



9, 31.662, 23.038

Inverse Universe

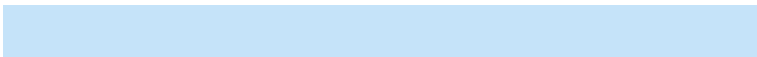
The Inverse Universe completely reimagines the original color for something new.



84, 19.747, 14.911



83, 24.435, 15.404



89, 14.857, 248.668



49, 5.185, 13.732



39, 80.191, 37.009



9, 31.662, 23.038

Previews

White Background



This preview shows how the CIELCh color 84, 19.749, 14.905 looks on a white background.

Color Contrast Check

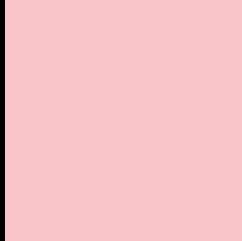
Large Text (above 18pt) WCAG AA × Fail

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, 19.749, 14.905 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, 19.749, 14.905

Background



This preview shows how black text looks on a background with the CIELCh color 84, 19.749, 14.905.



This preview shows how white text looks on a background with the CIELCh color 84, 19.749, 14.905.

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, 19.749, 14.905

Protanopia

84, 2.095, 49.338

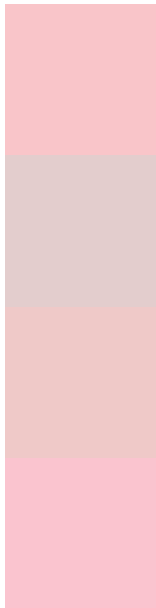
Deuteranopia

84, 11.761, 27.887



Tritanopia
84, 21.857, 0.184

Trichromacy



Original Color
84, 19.749, 14.905

Protanomaly
84, 8.154, 19.953

Deuteranomaly
84, 14.336, 22.551

Tritanomaly
84, 20.957, 5.207

Monochromacy



Original Color
84, 19.749, 14.905

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.071, 11.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 19.749, 14.905 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(249, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 201)  
}
```

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(249, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 19.749, 14.905 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(249, 197, 201) }
```

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

```
.border{ border-color:rgb(249, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 19.749, 14.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 201) }
```

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

```
.background{ background-color: rgb(249,  
197, 201) }
```

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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