

Converting Colors

CIELCh(89, 44.450, 27.799)

Have a look what the booklet for
CIELCh(89, 44.450, 27.799) contains.

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Color

CIELCh(84, 24.192, 31.089)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3BB
RGB	255, 195, 187
RGB Percent	100%, 76%, 73%
CMY	0.0000, 0.2354, 0.2668
CMYK	0.00, 0.24, 0.27, 0.00
HSL	7°, 100%, 87%
HSV	7°, 27%, 100%
XYZ	70.1016, 64.0658, 55.6664
YIQ	212.0280, 38.3280, 10.2320

Conversions

Conversions Part 2

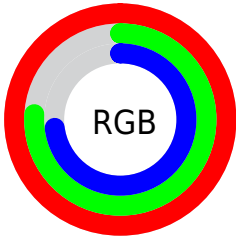
Format	Color
R _Y B	255, 196, 187
Decimal	16761787
CIE Lab	84.00, 20.72, 12.49
CIE LCh	84, 24.192, 31.089
Yxy	64.0658, 0.3693, 0.3375
Android (android.graphics.Color)	4294951867 (0xFFFFC3BB)
YUV	212.0280, -12.3388, 37.6864
Hunter-Lab	80.0411, 16.2619, 14.7942

Details

The CIELCh color **84, 24.192, 31.089** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 19.677, 210.451**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.674, 96.630**, and **64, 23.711, 30.942** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.076, 31.909**, and if you desaturate by 10%, it is **90, 14.253, 30.778**.

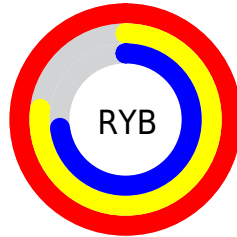
Distribution



Red (100%)

Green (76%)

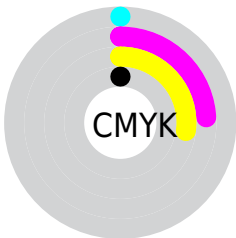
Blue (73%)



Red (100%)

Yellow (77%)

Blue (73%)

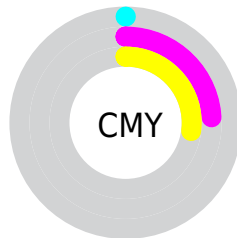


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.192, 31.089 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, 24.192, 31.089 by changing the saturation by 10% instead.

 84, 24.192, 31.089

 84, 24.192, 31.089

 100, 24.192,
31.089

 74, 24.192, 31.089

 64, 24.192, 31.089

 54, 24.192, 31.089

 44, 24.192, 31.089

 34, 24.192, 31.089

 24, 24.192, 31.089

 14, 24.192, 31.089

 4, 24.192, 31.089

 0, 24.192, 31.089

84, 24.192, 31.089

84, 24.192, 31.089

78, 34.076, 31.909

90, 14.253, 30.778

73, 45.120, 32.852

96, 5.473, 30.425

68, 56.809, 34.130

100, 0.012,
296.813

63, 68.922, 35.779

60, 81.028, 37.742

57, 92.216, 39.711

55, 100.544,
40.883

54, 102.624,
41.184

Harmonies

Complementary

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



84, 24.192, 31.089



94, 19.677, 210.451

Rectangle

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



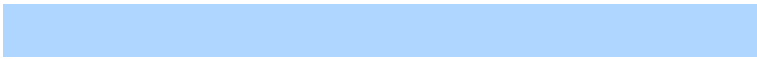
84, 24.192, 31.089



84, 24.192, 81.089



84, 24.192, 211.089



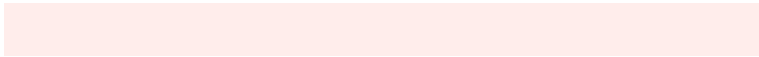
84, 24.192, 261.089

Sweetspot

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



84, 23.779, 31.240



95, 6.592, 30.474



84, 39.399, 329.370



50, 4.714, 30.526



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, 23.779, 31.240



81, 29.162, 31.566



92, 23.900, 83.406



50, 4.714, 30.526



41, 82.324, 41.449



11, 31.198, 32.954

Inverse Universe

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



94, 19.677, 210.451



92, 23.108, 210.553



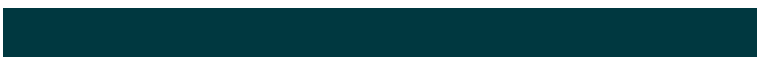
85, 23.337, 271.072



52, 4.430, 210.427



63, 35.522, 217.898



21, 16.491, 214.985

Previews

White Background



This preview shows how the CIELCh color 84, 24.192, 31.089 looks on a white background.

Color Contrast Check

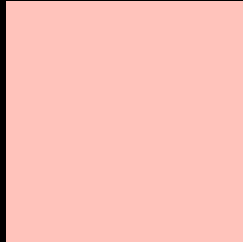
Large Text (above 18pt) WCAG AA × Fail

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, 24.192, 31.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

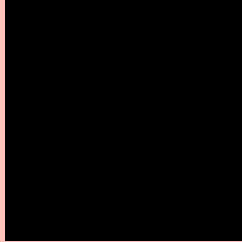
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 24.192, 31.089

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.192, 31.089.



This preview shows how white text looks on a background with the CIELCh color 84, 24.192, 31.089.

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, 23.770, 31.222

Protanopia

84, 8.414, 88.592

Deuteranopia

84, 16.321, 51.048



Tritanopia
84, 24.273, 3.912

Trichromacy



Original Color
84, 23.770, 31.222

Protanomaly
84, 12.378, 53.335

Deuteranomaly
84, 18.815, 41.712

Tritanomaly
84, 23.318, 13.596

Monochromacy



Original Color
84, 23.770, 31.222

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.337, 30.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.192, 31.089 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, 195, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 187)  
}
```

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, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.192, 31.089 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, 195, 187) }
```

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

```
.border{ border-color:rgb(255, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.192, 31.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 187) }
```

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

```
.background{ background-color: rgb(255,  
195, 187) }
```

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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