

Converting Colors

CIELCh(84, 20.969, 40.247)

Have a look what the booklet for
CIELCh(84, 20.969, 40.247) contains.

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Color

CIELCh(84, 21.093, 39.503)

Conversions

Conversions Part 1

Format	Color
Hex	F9C6B9
RGB	249, 198, 185
RGB Percent	98%, 78%, 73%
CMY	0.0233, 0.2233, 0.2743
CMYK	0.00, 0.20, 0.26, 0.02
HSL	12°, 84%, 85%
HSV	12°, 26%, 98%
XYZ	68.0539, 64.0658, 54.7054
YIQ	211.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

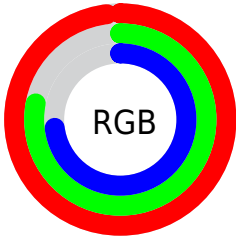
Format	Color
R _Y B	249, 201, 185
Decimal	16369337
CIE Lab	84.00, 16.28, 13.42
CIE LCh	84, 21.093, 39.503
Yxy	64.0658, 0.3643, 0.3429
Android (android.graphics.Color)	4294559417 (0xFFFF9C6B9)
YUV	211.7670, -13.1961, 32.6533
Hunter-Lab	80.0411, 11.6955, 15.5061

Details

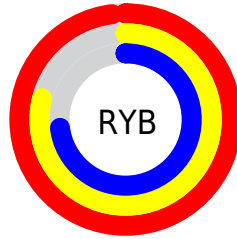
The CIELCh color **84, 21.093, 39.503** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 17.696, 221.007**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **64, 21.252, 39.235** is the 20% darker color. If you saturate the color by 10%, you get **79, 30.561, 39.639**, and if you desaturate by 10%, it is **89, 12.354, 39.523**.

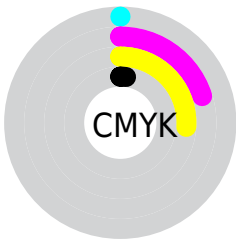
Distribution



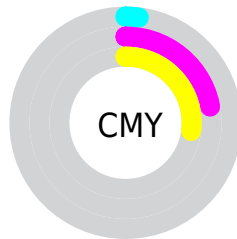
- Red (98%)
- Green (78%)
- Blue (73%)



- Red (98%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 21.093, 39.503 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, 21.093, 39.503 by changing the saturation by 10% instead.

84, 21.093, 39.503

84, 21.093, 39.503

100, 21.093,
39.503

74, 21.093, 39.503

64, 21.093, 39.503

54, 21.093, 39.503

44, 21.093, 39.503

34, 21.093, 39.503

24, 21.093, 39.503

14, 21.093, 39.503

4, 21.093, 39.503

0, 21.093, 39.503

84, 21.093, 39.503

84, 21.093, 39.503

79, 30.561, 39.639

89, 12.354, 39.523

74, 40.777, 39.954

95, 4.302, 39.578

69, 51.699, 40.492

100, 2.062,
199.596

65, 63.186, 41.264

61, 74.895, 42.207

58, 86.040, 43.073

55, 94.954, 43.239

55, 97.942, 43.156

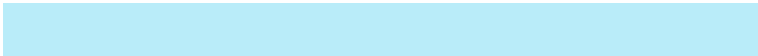
Harmonies

Complementary

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



84, 21.093, 39.503



90, 17.696, 221.007

Rectangle

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



84, 21.093, 39.503



84, 21.093, 89.503



84, 21.093, 219.503



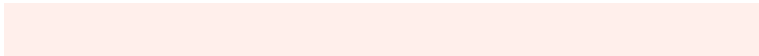
84, 21.093, 269.503

Sweetspot

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



84, 21.092, 39.511



96, 6.216, 39.578



82, 35.153, 332.178



50, 4.445, 39.569



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, 21.092, 39.511



83, 26.525, 39.559



92, 24.238, 90.439



49, 4.372, 39.569



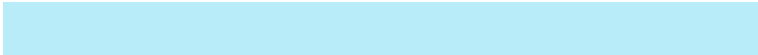
42, 79.066, 43.565



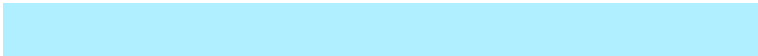
11, 28.686, 36.724

Inverse Universe

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



90, 17.696, 221.007



91, 21.340, 221.397



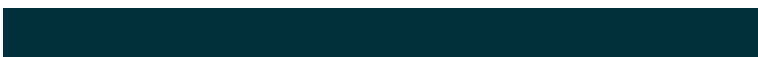
82, 24.343, 277.502



51, 4.119, 220.231



58, 35.099, 236.330



18, 15.731, 230.727

Previews

White Background



This preview shows how the CIELCh color 84, 21.093, 39.503 looks on a white background.

Color Contrast Check

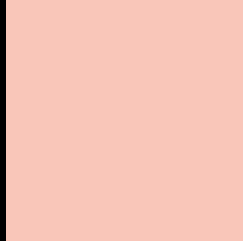
Large Text (above 18pt) WCAG AA × Fail

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, 21.093, 39.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

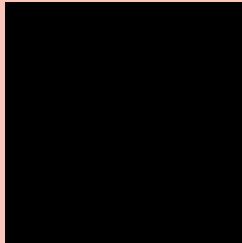
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 21.093, 39.503

Background



This preview shows how black text looks on a background with the CIELCh color 84, 21.093, 39.503.



This preview shows how white text looks on a background with the CIELCh color 84, 21.093, 39.503.

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, 21.093, 39.503

Protanopia

84, 10.029, 89.554

Deuteranopia

84, 17.272, 53.214



Tritanopia
84, 22.940, 1.332

Trichromacy



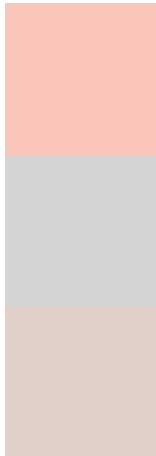
Original Color
84, 21.093, 39.503

Protanomaly
84, 12.462, 62.083

Deuteranomaly
84, 18.710, 48.710

Tritanomaly
84, 21.349, 14.105

Monochromacy



Original Color
84, 21.093, 39.503

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 7.186, 41.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 21.093, 39.503 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, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(249, 198, 185)  
}
```

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, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 198, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 21.093, 39.503 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, 198, 185) }
```

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

```
.border{ border-color:rgb(249, 198, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 198, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(249, 198,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 21.093, 39.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 198, 185) }
```

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

```
.background{ background-color: rgb(249,  
198, 185) }
```

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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