

Converting Colors

CIELCh(84, 23.910, 3.598)

Have a look what the booklet for
CIELCh(84, 23.910, 3.598) contains.

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Color

CIELCh(84, 23.887, 3.586)

Conversions

Conversions Part 1

Format	Color
Hex	FEC2D0
RGB	254, 194, 208
RGB Percent	100%, 76%, 82%
CMY	0.0020, 0.2411, 0.1862
CMYK	0.00, 0.24, 0.18, 0.00
HSL	346°, 98%, 88%
HSV	346°, 24%, 100%
XYZ	71.5655, 64.0658, 67.9590
YIQ	213.5360, 31.2660, 17.0740

Conversions

Conversions Part 2

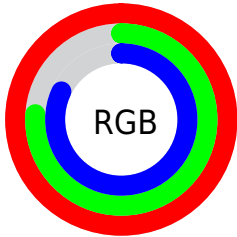
Format	Color
RYB	254, 194, 208
Decimal	16696016
CIELab	84.00, 23.84, 1.49
CIElCh	84, 23.887, 3.586
Yxy	64.0658, 0.3515, 0.3147
Android (android.graphics.Color)	4294886096 (0xFFFE2D0)
YUV	213.5360, -2.7292, 35.4869
Hunter-Lab	80.0411, 19.5267, 5.6885

Details

The CIELCh color **84, 23.887, 3.586** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.824, 178.769**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **64, 23.759, 3.027** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.506, 5.040**, and if you desaturate by 10%, it is **90, 13.600, 2.370**.

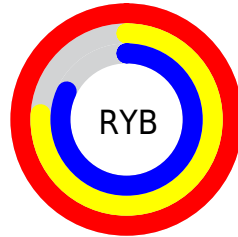
Distribution



Red (100%)

Green (76%)

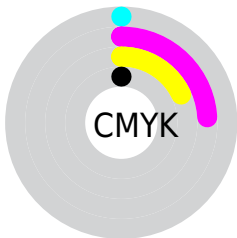
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

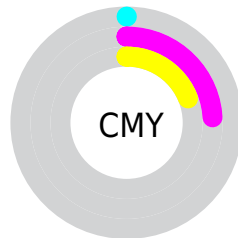


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)

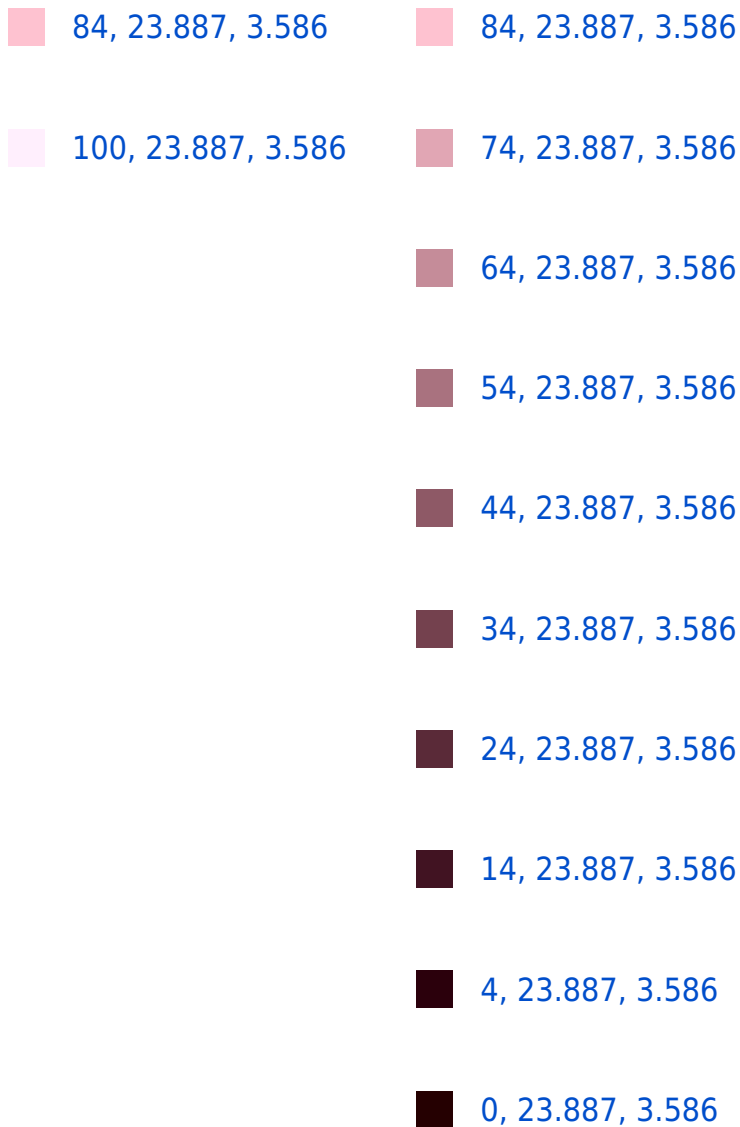
Magenta (24%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.887, 3.586 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, 23.887, 3.586 by changing the saturation by 10% instead.



84, 23.887, 3.586

84, 23.887, 3.586

78, 34.506, 5.040

90, 13.600, 2.370

72, 45.260, 6.810

97, 3.762, 1.234

67, 55.828, 9.016

100, 0.175,
203.175

62, 65.789, 11.808

58, 74.698, 15.351

56, 82.264, 19.771

54, 88.517, 25.025

53, 91.936, 28.358

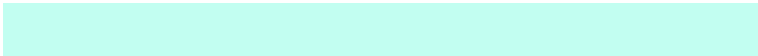
Harmonies

Complementary

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



84, 23.887, 3.586



96, 21.824, 178.769

Rectangle

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



84, 23.887, 3.586



84, 23.887, 53.586



84, 23.887, 183.586



84, 23.887, 233.586

Sweetspot

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



84, 23.884, 3.590



95, 6.717, 1.598



84, 35.970, 318.855



50, 4.371, 1.665



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, 23.884, 3.590



81, 29.258, 4.288



87, 19.277, 46.332



50, 5.489, 1.875



40, 73.538, 27.304



10, 31.813, 17.173

Inverse Universe

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



84, 23.884, 3.590



81, 29.258, 4.288



92, 16.578, 229.294



50, 5.489, 1.875



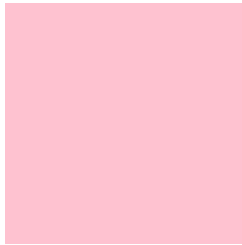
40, 73.538, 27.304



10, 31.813, 17.173

Previews

White Background



This preview shows how the CIELCh color 84, 23.887, 3.586 looks on a white background.

Color Contrast Check

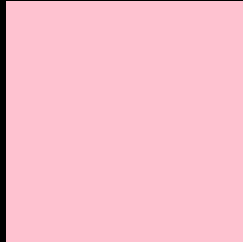
Large Text (above 18pt) WCAG AA × Fail

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, 23.887, 3.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

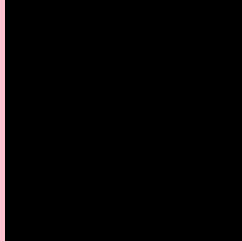
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.887, 3.586

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.887, 3.586.

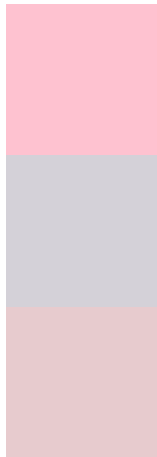


This preview shows how white text looks on a background with the CIELCh color 84, 23.887, 3.586.

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, 23.526, 3.263

Protanopia

84, 3.864, 306.662

Deuteranopia

84, 10.508, 11.572



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 23.526, 3.263

Protanomaly
84, 10.252, 349.313

Deuteranomaly
84, 15.328, 6.781

Tritanomaly
84, 24.393, 2.722

Monochromacy



Original Color
84, 23.526, 3.263

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.502, 2.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.887, 3.586 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(254, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 208)  
}
```

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(254, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.887, 3.586 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(254, 194, 208) }
```

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

```
.border{ border-color:rgb(254, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.887, 3.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 208) }
```

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

```
.background{ background-color: rgb(254,  
194, 208) }
```

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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