

Converting Colors

CIELCh(84, 23.506, 10.162)

Have a look what the booklet for
CIELCh(84, 23.506, 10.162) contains.

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Color

CIELCh(84, 23.441, 9.786)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CB
RGB	255, 194, 203
RGB Percent	100%, 76%, 80%
CMY	0.0005, 0.2397, 0.2044
CMYK	0.00, 0.24, 0.20, 0.00
HSL	351°, 100%, 88%
HSV	351°, 24%, 100%
XYZ	71.2167, 64.0658, 65.0317
YIQ	213.2650, 33.4670, 15.7310

Conversions

Conversions Part 2

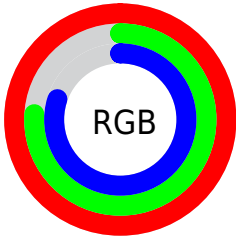
Format	Color
RYB	255, 194, 203
Decimal	16761547
CIELab	84.00, 23.10, 3.98
CIELCh	84, 23.441, 9.786
Yxy	64.0658, 0.3555, 0.3198
Android (android.graphics.Color)	4294951627 (0xFFFFC2CB)
YUV	213.2650, -5.0606, 36.6016
Hunter-Lab	80.0411, 18.7487, 7.8569

Details

The CIELCh color **84, 23.441, 9.786** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 20.888, 185.289**, 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, 23.307, 9.616** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.094, 11.232**, and if you desaturate by 10%, it is **91, 13.258, 8.601**.

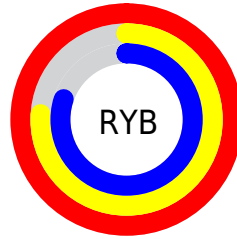
Distribution



Red (100%)

Green (76%)

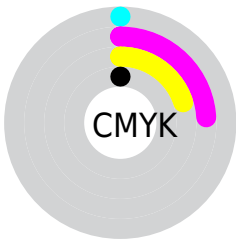
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

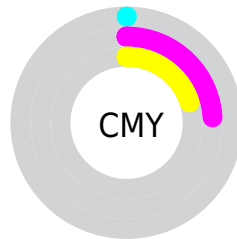


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (0%)



Cyan (0%)

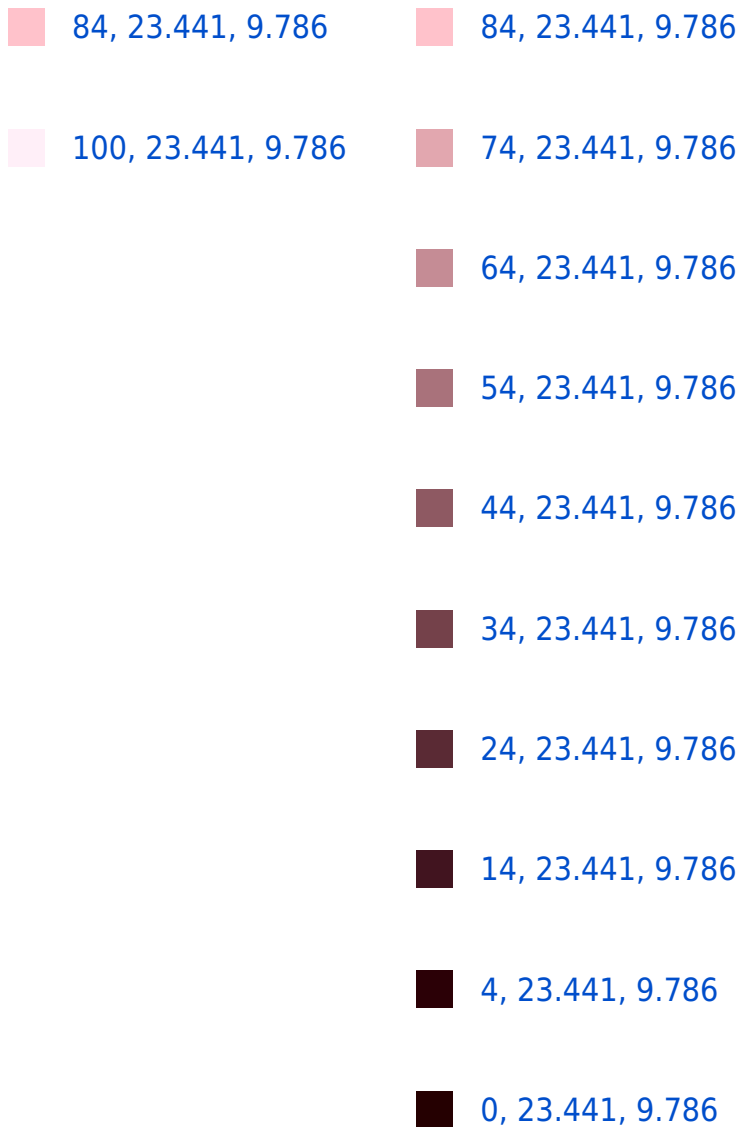
Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.441, 9.786 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, 23.441, 9.786 by changing the saturation by 10% instead.



84, 23.441, 9.786

84, 23.441, 9.786

78, 34.094, 11.232

91, 13.258, 8.601

72, 45.059, 13.022

97, 3.630, 7.504

66, 56.059, 15.285

100, 0.048,
213.455

62, 66.718, 18.164

58, 76.634, 21.797

55, 85.500, 26.225

54, 93.162, 31.218

53, 97.250, 34.148

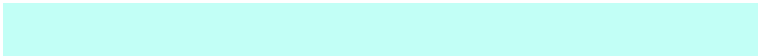
Harmonies

Complementary

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



84, 23.441, 9.786



96, 20.888, 185.289

Rectangle

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



84, 23.441, 9.786



84, 23.441, 59.786



84, 23.441, 189.786



84, 23.441, 239.786

Sweetspot

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



84, 23.438, 9.791



95, 6.529, 7.861



85, 36.728, 321.396



50, 4.250, 7.926



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

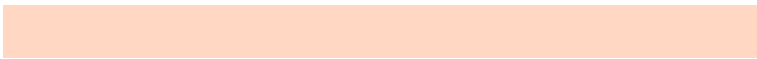
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 23.438, 9.791



81, 28.803, 10.484



89, 18.957, 55.741



50, 5.343, 8.127



40, 77.606, 33.238



10, 32.295, 21.124

Inverse Universe

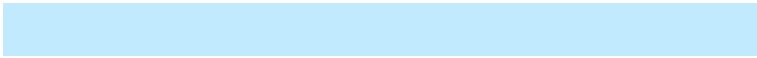
The Inverse Universe completely reimagines the original color for something new.



84, 23.438, 9.791



81, 28.803, 10.484



90, 16.719, 240.516



50, 5.343, 8.127



40, 77.606, 33.238



10, 32.295, 21.124

Previews

White Background



This preview shows how the CIELCh color 84, 23.441, 9.786 looks on a white background.

Color Contrast Check

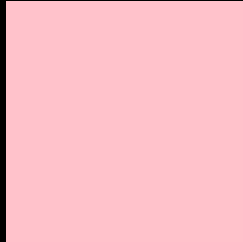
Large Text (above 18pt) WCAG AA × Fail

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, 23.441, 9.786 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, 23.441, 9.786

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.441, 9.786.

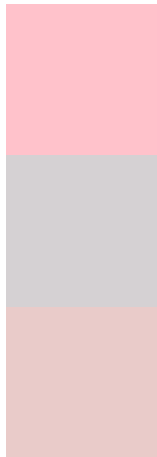


This preview shows how white text looks on a background with the CIELCh color 84, 23.441, 9.786.

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, 23.441, 9.786

Protanopia

84, 1.808, 343.568

Deuteranopia

84, 11.298, 25.512



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 23.441, 9.786

Protanomaly
84, 9.107, 6.739

Deuteranomaly
84, 15.444, 16.705

Tritanomaly
84, 24.163, 5.115

Monochromacy



Original Color
84, 23.441, 9.786

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.261, 9.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.441, 9.786 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, 194, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 203)  
}
```

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, 194, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.441, 9.786 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, 194, 203) }
```

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

```
.border{ border-color:rgb(255, 194, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.441, 9.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 203) }
```

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

```
.background{ background-color: rgb(255,  
194, 203) }
```

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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