

Converting Colors

CIELCh(84, 23.705, 6.721)

Have a look what the booklet for
CIELCh(84, 23.705, 6.721) contains.

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Color

CIELCh(84, 23.584, 7.277)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CD
RGB	255, 194, 205
RGB Percent	100%, 76%, 80%
CMY	0.0011, 0.2402, 0.1971
CMYK	0.00, 0.24, 0.20, 0.00
HSL	349°, 99%, 88%
HSV	349°, 24%, 100%
XYZ	71.3551, 64.0658, 66.1933
YIQ	213.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

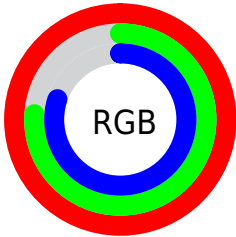
Format	Color
RYB	255, 194, 205
Decimal	16761549
CIELab	84.00, 23.39, 2.99
CIELCh	84, 23.584, 7.277
Yxy	64.0658, 0.3539, 0.3178
Android (android.graphics.Color)	4294951629 (0xFFFFC2CD)
YUV	213.4930, -4.1870, 36.4016
Hunter-Lab	80.0411, 19.0575, 6.9964

Details

The CIELCh color **84, 23.584, 7.277** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.232, 182.613**, 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, 23.447, 6.949** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.206, 8.735**, and if you desaturate by 10%, it is **91, 13.375, 6.071**.

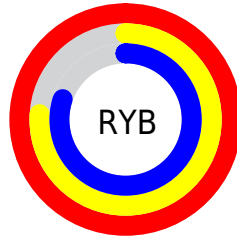
Distribution



Red (100%)

Green (76%)

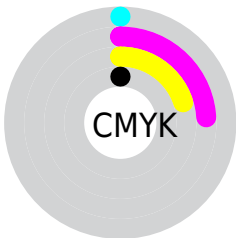
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

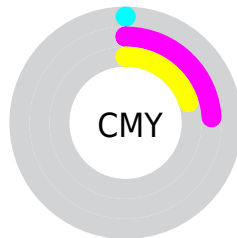


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.584, 7.277 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, 23.584, 7.277 by changing the saturation by 10% instead.



84, 23.584, 7.277

84, 23.584, 7.277

78, 34.206, 8.735

91, 13.375, 6.071

72, 45.068, 10.528

97, 3.677, 4.951

66, 55.875, 12.781

100, 0.098,
206.180

62, 66.233, 15.642

58, 75.727, 19.262

55, 84.066, 23.722

54, 91.199, 28.875

53, 95.087, 32.017

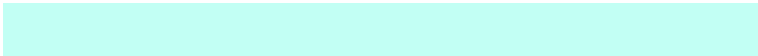
Harmonies

Complementary

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



84, 23.584, 7.277



96, 21.232, 182.613

Rectangle

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



84, 23.584, 7.277



84, 23.584, 57.277



84, 23.584, 187.277



84, 23.584, 237.277

Sweetspot

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



84, 23.581, 7.282



95, 6.595, 5.313



84, 36.417, 320.389



50, 4.292, 5.379



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, 23.581, 7.282



81, 28.941, 7.981



88, 19.022, 51.942



50, 5.394, 5.585



40, 75.929, 31.033



10, 32.101, 19.687

Inverse Universe

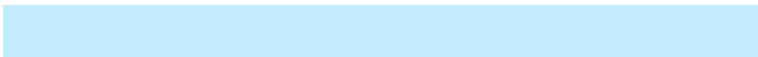
The Inverse Universe completely reimagines the original color for something new.



84, 23.581, 7.282



81, 28.941, 7.981



91, 16.588, 236.045



50, 5.394, 5.585



40, 75.929, 31.033



10, 32.101, 19.687

Previews

White Background



This preview shows how the CIELCh color 84, 23.584, 7.277 looks on a white background.

Color Contrast Check

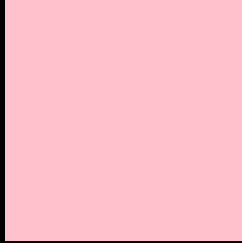
Large Text (above 18pt) WCAG AA × Fail

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, 23.584, 7.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

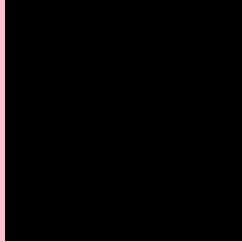
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.584, 7.277

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.584, 7.277.



This preview shows how white text looks on a background with the CIELCh color 84, 23.584, 7.277.

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





Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 23.584, 7.277

Protanomaly
84, 9.913, 358.369

Deuteranomaly
84, 15.491, 12.847

Tritanomaly
84, 24.273, 3.912

Monochromacy



Original Color
84, 23.584, 7.277

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.366, 5.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.584, 7.277 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.584, 7.277 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, 205) }
```

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

```
.border{ border-color:rgb(255, 194, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.584, 7.277 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
194, 205) }
```

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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