

Converting Colors

CIELCh(91, 49.048, 16.447)

Have a look what the booklet for
CIELCh(91, 49.048, 16.447) contains.

CIELCh(84, 24.066, 6.328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 24.066, 6.328)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1CD
RGB	255, 193, 205
RGB Percent	100%, 76%, 80%
CMY	0.0000, 0.2417, 0.1946
CMYK	0.00, 0.24, 0.19, 0.00
HSL	348°, 100%, 88%
HSV	348°, 24%, 100%
XYZ	71.6029, 64.0658, 66.5864
YIQ	212.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

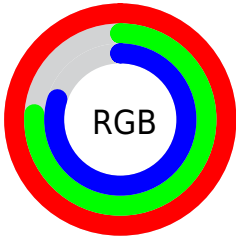
Format	Color
R_{YB}	255, 193, 205
Decimal	16761293
CIE _{Lab}	84.00, 23.92, 2.65
CIE _{LCh}	84, 24.066, 6.328
Yxy	64.0658, 0.3540, 0.3168
Android (android.graphics.Color)	4294951373 (0xFFFFC1CD)
YUV	212.9060, -3.8977, 36.9164
Hunter-Lab	80.0411, 19.6100, 6.7052

Details

The CIELCh color **84, 24.066, 6.328** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.606, 181.446**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **64, 23.956, 5.974** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.554, 7.684**, and if you desaturate by 10%, it is **90, 13.671, 5.002**.

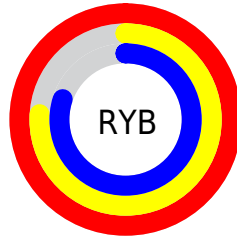
Distribution



Red (100%)

Green (76%)

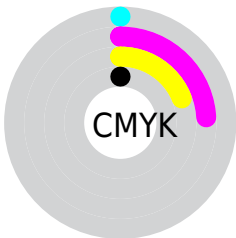
Blue (80%)



Red (100%)

Yellow (76%)

Blue (80%)

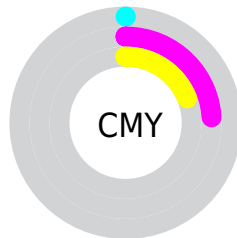


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (0%)



Cyan (0%)

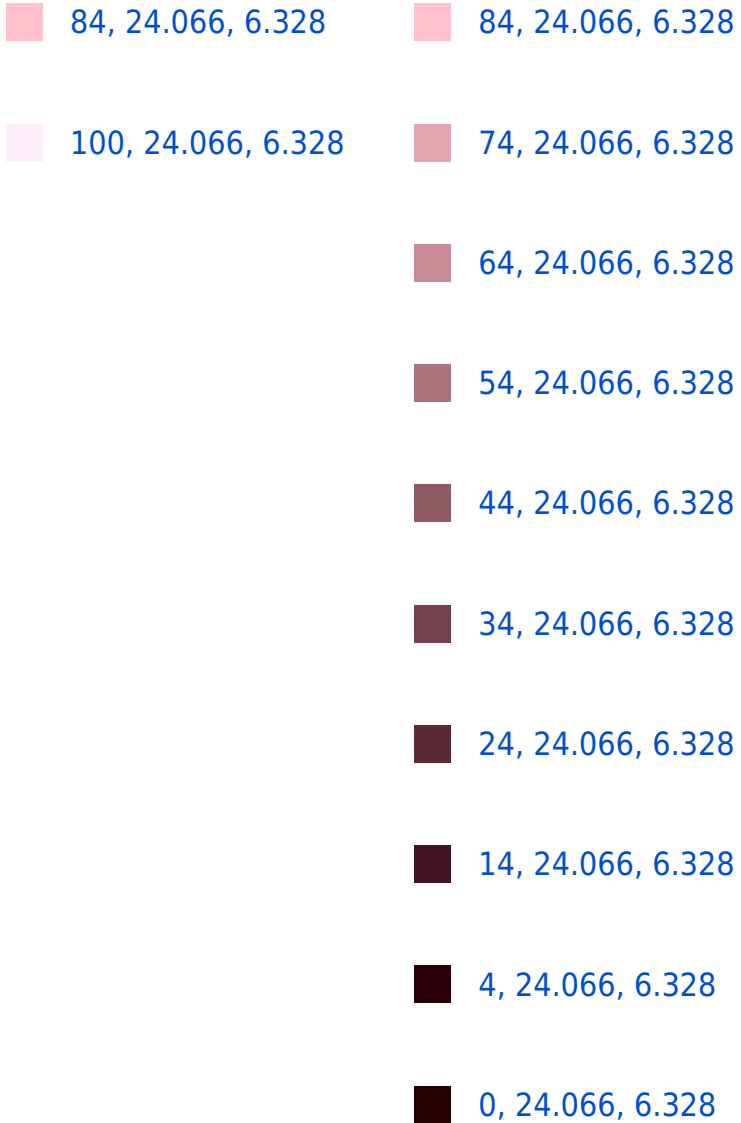
Magenta (24%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.066, 6.328 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, 24.066, 6.328 by changing the saturation by 10% instead.



84, 24.066, 6.328

84, 24.066, 6.328

78, 34.554, 7.684

90, 13.671, 5.002

72, 45.392, 9.483

97, 3.914, 3.879

66, 56.128, 11.738

100, 0.012,
296.813

62, 66.358, 14.599

58, 75.660, 18.223

55, 83.750, 22.701

54, 90.615, 27.913

53, 94.246, 31.006

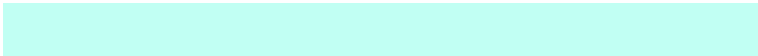
Harmonies

Complementary

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



84, 24.066, 6.328



96, 21.606, 181.446

Rectangle

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



84, 24.066, 6.328



84, 24.066, 56.328



84, 24.066, 186.328



84, 24.066, 236.328

Sweetspot

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



84, 23.917, 6.222



95, 6.628, 4.214



84, 36.644, 319.891



50, 4.313, 4.280



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, 23.917, 6.222



81, 29.020, 6.893



88, 19.300, 50.045



50, 5.419, 4.488



40, 75.208, 29.992



10, 32.015, 18.999

Inverse Universe

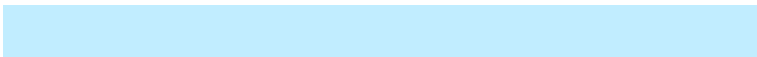
The Inverse Universe completely reimagines the original color for something new.



84, 23.917, 6.222



81, 29.020, 6.893



91, 16.721, 233.821



50, 5.419, 4.488



40, 75.208, 29.992



10, 32.015, 18.999

Previews

White Background



This preview shows how the CIELCh color 84, 24.066, 6.328 looks on a white background.

Color Contrast Check

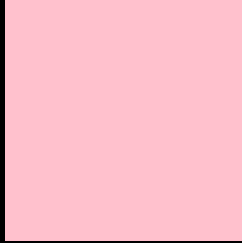
Large Text (above 18pt) WCAG AA × Fail

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, 24.066, 6.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

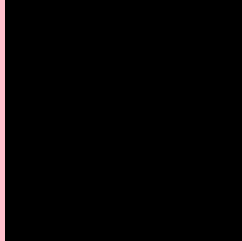
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.066, 6.328

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.066, 6.328.



This preview shows how white text looks on a background with the CIELCh color 84, 24.066, 6.328.

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, 24.066, 6.328

Protanopia

84, 2.869, 312.524

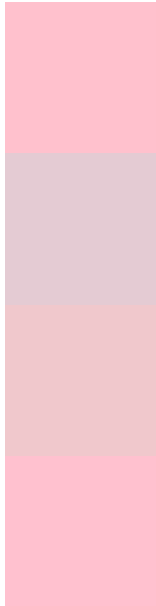
Deuteranopia

84, 10.818, 17.414



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 24.066, 6.328

Protanomaly
84, 10.109, 355.591

Deuteranomaly
84, 15.112, 12.617

Tritanomaly
84, 24.273, 3.912

Monochromacy



Original Color
84, 24.066, 6.328

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, 24.066, 6.328 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, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.066, 6.328 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, 193, 205) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.066, 6.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 205) }
```

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

```
.background{ background-color: rgb(255,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor