

Converting Colors

CIELCh(86, 29.149, 4.804)

Have a look what the booklet for
CIELCh(86, 29.149, 4.804) contains.

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Color

CIELCh(85, 23.921, 359.625)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D5
RGB	255, 196, 213
RGB Percent	100%, 77%, 84%
CMY	0.0000, 0.2299, 0.1632
CMYK	0.00, 0.23, 0.16, 0.00
HSL	343°, 100%, 89%
HSV	343°, 23%, 100%
XYZ	73.6579, 66.0070, 72.0645
YIQ	215.5790, 29.7070, 17.7950

Conversions

Conversions Part 2

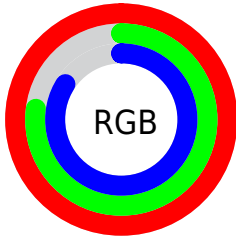
Format	Color
R _Y B	255, 196, 213
Decimal	16762069
CIE Lab	85.00, 23.92, -0.16
CIE LCh	85, 23.921, 359.625
Yxy	66.0070, 0.3479, 0.3118
Android (android.graphics.Color)	4294952149 (0xFFFFC4D5)
YUV	215.5790, -1.2714, 34.5722
Hunter-Lab	81.2447, 19.6530, 4.2808

Details

The CIELCh color **85, 23.921, 359.625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.826, 174.433**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.250, 324.238**, and **65, 23.607, 0.035** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.111, 0.463**, and if you desaturate by 10%, it is **91, 12.976, 357.888**.

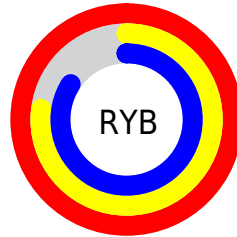
Distribution



Red (100%)

Green (77%)

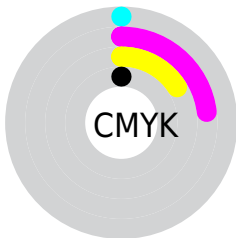
Blue (84%)



Red (100%)

Yellow (77%)

Blue (84%)

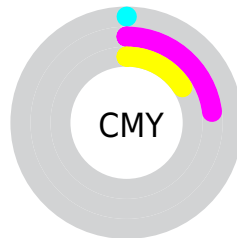


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.921, 359.625 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 85, 23.921, 359.625 by changing the saturation by 10% instead.


 85, 23.921,
359.625


 85, 23.921,
359.625


 100, 23.921,
359.625


 75, 23.921,
359.625

 65, 23.921,
359.625

 55, 23.921,
359.625

 45, 23.921,
359.625

 35, 23.921,
359.625

 25, 23.921,
359.625

 15, 23.921,

359.625

■ 5, 23.921, 359.625

■ 0, 23.921, 359.625

■ 85, 23.921,
359.625

■ 85, 23.921,
359.625

■ 79, 34.111, 0.463

■ 91, 12.976,
357.888

■ 73, 44.851, 2.134

■ 98, 2.926, 356.729

■ 67, 55.291, 4.192

100, 0.012,
296.813

■ 63, 64.982, 6.777

■ 59, 73.437, 10.061

■ 56, 80.304, 14.213

■ 54, 85.598, 19.302

■ 54, 88.761, 23.242

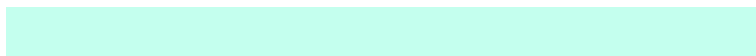
Harmonies

Complementary

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



85, 23.921, 359.625



96, 21.826, 174.433

Rectangle

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



85, 23.921, 359.625



85, 23.921, 49.625



85, 23.921, 179.625



85, 23.921, 229.625

Sweetspot

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



85, 23.413, 359.075



95, 6.906, 357.230



84, 34.018, 316.720



50, 4.493, 357.296



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 23.413, 359.075



82, 28.752, 359.741



87, 19.052, 39.168



50, 5.639, 357.504



40, 71.032, 22.151



10, 31.503, 13.431

Inverse Universe

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



85, 23.413, 359.075



82, 28.752, 359.741



93, 16.306, 220.426



50, 5.639, 357.504



40, 71.032, 22.151



10, 31.503, 13.431

Previews

White Background



This preview shows how the CIELCh color 85, 23.921, 359.625 looks on a white background.

Color Contrast Check

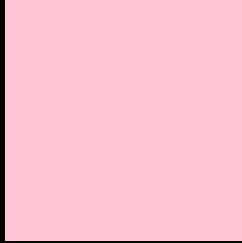
Large Text (above 18pt) WCAG AA × Fail

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 85, 23.921, 359.625 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 85, 23.921, 359.625

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.921, 359.625.

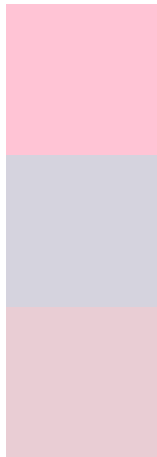


This preview shows how white text looks on a background with the CIELCh color 85, 23.921, 359.625.

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

85, 23.551, 359.234

Protanopia

85, 5.848, 297.645

Deuteranopia

85, 10.938, 0.642



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 23.551, 359.234

Protanomaly
85, 10.530, 339.760

Deuteranomaly
85, 15.487, 358.813

Tritanomaly
85, 23.024, 0.057

Monochromacy



Original Color
85, 23.551, 359.234

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.303, 357.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.921, 359.625 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, 196, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 213)  
}
```

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, 196, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.921, 359.625 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, 196, 213) }
```

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

```
.border{ border-color:rgb(255, 196, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.921, 359.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 213) }
```

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

```
.background{ background-color: rgb(255,  
196, 213) }
```

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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