

Converting Colors

CIELCh(87, 19.301, 358.968)

Have a look what the booklet for
CIELCh(87, 19.301, 358.968)
contains.

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Color

CIELCh(87, 19.416, 358.927)

Conversions

Conversions Part 1

Format	Color
Hex	FECDDB
RGB	254, 205, 219
RGB Percent	100%, 80%, 86%
CMY	0.0030, 0.1952, 0.1403
CMYK	0.00, 0.19, 0.14, 0.00
HSL	343°, 97%, 90%
HSV	343°, 19%, 100%
XYZ	75.6545, 70.0064, 76.6942
YIQ	221.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

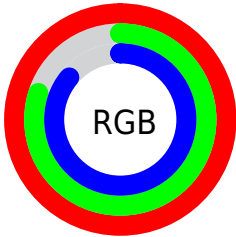
Format	Color
RYB	254, 205, 219
Decimal	16698843
CIELab	87.00, 19.41, -0.36
CIELCh	87, 19.416, 358.927
Yxy	70.0064, 0.3402, 0.3148
Android (android.graphics.Color)	4294888923 (0xFFFECDDB)
YUV	221.2470, -1.1078, 28.7244
Hunter-Lab	83.6698, 14.9781, 4.2219

Details

The CIELCh color **87, 19.416, 358.927** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.296, 175.142**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 19.229, 359.608** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.997, 0.239**, and if you desaturate by 10%, it is **94, 9.152, 357.794**.

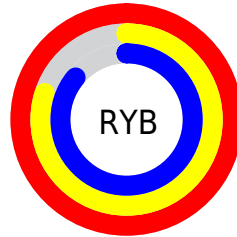
Distribution



Red (100%)

Green (80%)

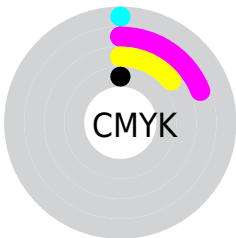
Blue (86%)



Red (100%)

Yellow (80%)

Blue (86%)

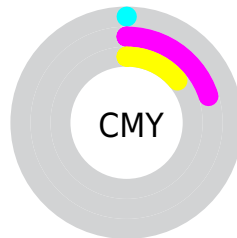


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 19.416, 358.927 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 87, 19.416, 358.927 by changing the saturation by 10% instead.


 87, 19.416,
358.927

 87, 19.416,
358.927


 100, 19.416,
358.927


 77, 19.416,
358.927

 67, 19.416,
358.927

 57, 19.416,
358.927

 47, 19.416,
358.927

 37, 19.416,
358.927

 27, 19.416,
358.927

 17, 19.416,

358.927

■ 7, 19.416, 358.927

■ 0, 19.416, 358.927

■ 87, 19.416,
358.927

■ 87, 19.416,
358.927

■ 81, 29.997, 0.239

■ 94, 9.152, 357.794

■ 75, 40.724, 1.798

100, 0.268,
201.862

■ 69, 51.303, 3.705

■ 64, 61.323, 6.087

■ 60, 70.302, 9.104

■ 57, 77.816, 12.933

■ 55, 83.721, 17.692

■ 54, 88.424, 23.233

■ 54, 88.771, 23.630

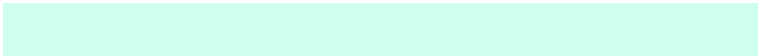
Harmonies

Complementary

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



87, 19.416, 358.927



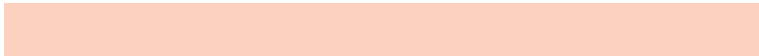
96, 18.296, 175.142

Rectangle

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



87, 19.416, 358.927



87, 19.416, 48.927



87, 19.416, 178.927



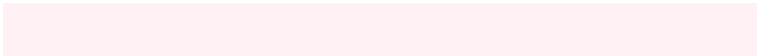
87, 19.416, 228.927

Sweetspot

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



87, 19.413, 358.931



96, 5.893, 357.432



87, 28.366, 316.554



51, 3.915, 357.506



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

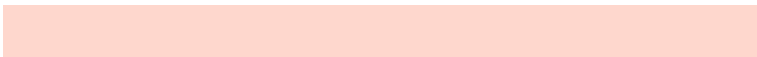
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 19.413, 358.931



85, 23.382, 359.394



89, 15.687, 39.165



50, 5.626, 357.819



40, 71.196, 22.550



10, 31.523, 13.733

Inverse Universe

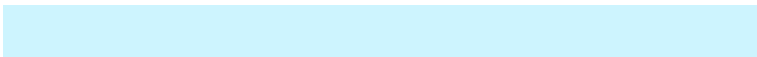
The Inverse Universe completely reimagines the original color for something new.



87, 19.413, 358.931



85, 23.382, 359.394



94, 13.802, 220.225



50, 5.626, 357.819



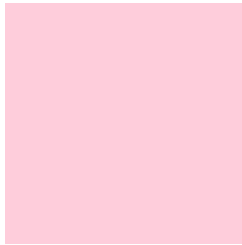
40, 71.196, 22.550



10, 31.523, 13.733

Previews

White Background



This preview shows how the CIELCh color 87, 19.416, 358.927 looks on a white background.

Color Contrast Check

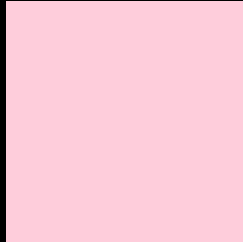
Large Text (above 18pt) WCAG AA × Fail

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 87, 19.416, 358.927 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 87, 19.416, 358.927

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.416, 358.927.

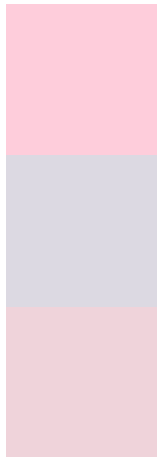


This preview shows how white text looks on a background with the CIELCh color 87, 19.416, 358.927.

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
87, 19.416, 358.927

Protanopia
87, 4.851, 303.251

Deuteranopia
87, 10.879, 0.610



Tritanopia
87, 19.776, 356.091

Trichromacy



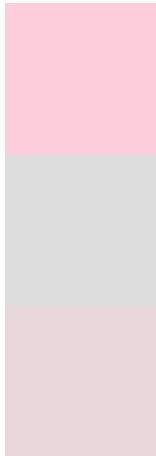
Original Color
87, 19.416, 358.927

Protanomaly
87, 8.976, 340.216

Deuteranomaly
87, 14.018, 0.947

Tritanomaly
87, 19.590, 357.495

Monochromacy



Original Color
87, 19.416, 358.927

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 7.051, 358.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.416, 358.927 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, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 219)  
}
```

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, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.416, 358.927 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, 205, 219) }
```

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

```
.border{ border-color:rgb(254, 205, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.416, 358.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 219) }
```

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

```
.background{ background-color: rgb(254,  
205, 219) }
```

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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