

Converting Colors

CIELCh(87, 19.252, 35.611)

Have a look what the booklet for
CIELCh(87, 19.252, 35.611) contains.

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Color

CIELCh(87, 19.158, 36.334)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFC5
RGB	255, 207, 197
RGB Percent	100%, 81%, 77%
CMY	0.0000, 0.1877, 0.2270
CMYK	0.00, 0.19, 0.23, 0.00
HSL	10°, 100%, 89%
HSV	10°, 23%, 100%
XYZ	73.7221, 70.0064, 62.5230
YIQ	220.2120, 31.8180, 7.0660

Conversions

Conversions Part 2

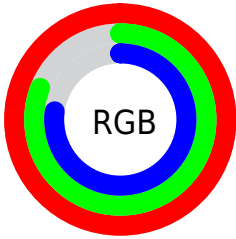
Format	Color
R _Y B	255, 209, 197
Decimal	16764869
CIE Lab	87.00, 15.43, 11.35
CIE LCh	87, 19.158, 36.334
Yxy	70.0064, 0.3574, 0.3394
Android (android.graphics.Color)	4294954949 (0xFFFFCFC5)
YUV	220.2120, -11.4435, 30.5091
Hunter-Lab	83.6698, 10.8555, 14.2639

Details

The CIELCh color **87, 19.158, 36.334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 16.347, 216.989**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **67, 19.311, 37.365** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.717, 36.643**, and if you desaturate by 10%, it is **93, 10.247, 36.262**.

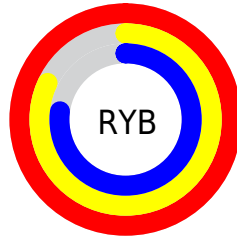
Distribution



Red (100%)

Green (81%)

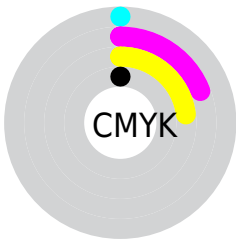
Blue (77%)



Red (100%)

Yellow (82%)

Blue (77%)

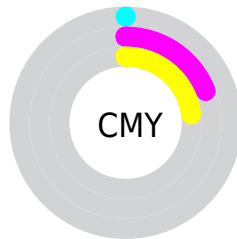


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 19.158, 36.334 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, 19.158, 36.334 by changing the saturation by 10% instead.

 87, 19.158, 36.334

 87, 19.158, 36.334

 100, 19.158,
36.334

 77, 19.158, 36.334

 67, 19.158, 36.334

 57, 19.158, 36.334

 47, 19.158, 36.334

 37, 19.158, 36.334

 27, 19.158, 36.334

 17, 19.158, 36.334

 7, 19.158, 36.334

 0, 19.158, 36.334

87, 19.158, 36.334

87, 19.158, 36.334

81, 28.717, 36.643

93, 10.247, 36.262

76, 39.097, 37.104

98, 2.087, 36.043

71, 50.213, 37.812

100, 0.012,
296.813

67, 61.940, 38.798

63, 73.989, 40.038

59, 85.717, 41.354

57, 95.693, 42.218

55, 100.912,
42.310

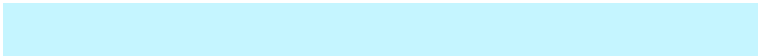
Harmonies

Complementary

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



87, 19.158, 36.334



94, 16.347, 216.989

Rectangle

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



87, 19.158, 36.334



87, 19.158, 86.334



87, 19.158, 216.334



87, 19.158, 266.334

Sweetspot

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



87, 19.107, 36.381



96, 5.516, 36.213



86, 32.388, 330.794



51, 3.593, 36.220



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, 19.107, 36.381



85, 23.148, 36.472



94, 21.112, 88.201



50, 4.527, 36.238



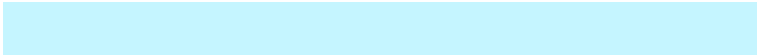
42, 80.857, 42.673



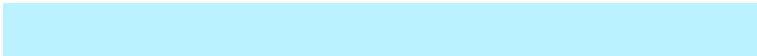
11, 30.378, 35.689

Inverse Universe

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



94, 16.347, 216.989



93, 19.153, 217.185



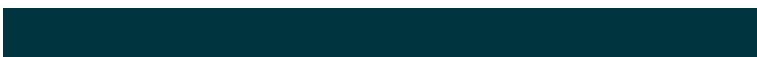
86, 21.005, 274.474



52, 4.260, 216.623



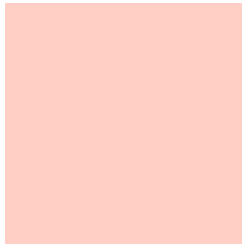
60, 35.092, 229.728



20, 16.145, 225.194

Previews

White Background



This preview shows how the CIELCh color 87, 19.158, 36.334 looks on a white background.

Color Contrast Check

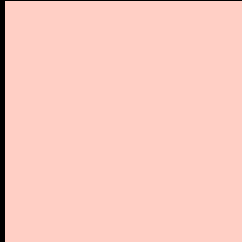
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 19.158, 36.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

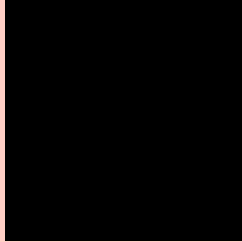
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 19.158, 36.334

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.158, 36.334.

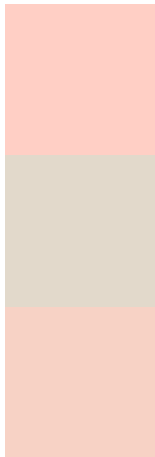


This preview shows how white text looks on a background with the CIELCh color 87, 19.158, 36.334.

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, 19.158, 36.334

Protanopia

87, 8.012, 84.877

Deuteranopia

87, 15.698, 45.714



Tritanopia
87, 19.763, 359.371

Trichromacy



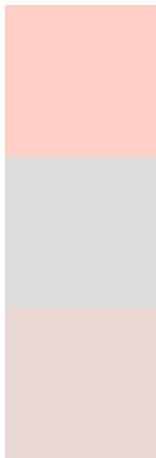
Original Color
87, 19.158, 36.334

Protanomaly
87, 10.995, 54.461

Deuteranomaly
87, 16.914, 41.987

Tritanomaly
87, 18.459, 12.746

Monochromacy



Original Color
87, 19.158, 36.334

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 6.797, 33.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.158, 36.334 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, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 197)  
}
```

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, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.158, 36.334 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, 207, 197) }
```

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

```
.border{ border-color:rgb(255, 207, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.158, 36.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 197) }
```

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

```
.background{ background-color: rgb(255,  
207, 197) }
```

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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