

Converting Colors

CIELCh(89, 28.818, 26.082)

Have a look what the booklet for
CIELCh(89, 28.818, 26.082) contains.

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Color

CIELCh(87, 19.134, 27.001)

Conversions

Conversions Part 1

Format	Color
Hex	FFCECA
RGB	255, 206, 202
RGB Percent	100%, 81%, 79%
CMY	0.0000, 0.1914, 0.2071
CMYK	0.00, 0.19, 0.21, 0.00
HSL	5°, 100%, 90%
HSV	5°, 21%, 100%
XYZ	74.5024, 70.0064, 65.5773
YIQ	220.1950, 30.4880, 9.1440

Conversions

Conversions Part 2

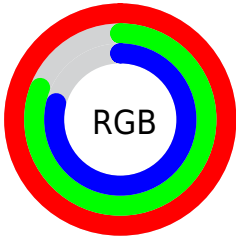
Format	Color
R _Y B	255, 206, 202
Decimal	16764618
CIE Lab	87.00, 17.05, 8.69
CIE LCh	87, 19.134, 27.001
Yxy	70.0064, 0.3546, 0.3332
Android (android.graphics.Color)	4294954698 (0xFFFFCECA)
YUV	220.1950, -8.9701, 30.5240
Hunter-Lab	83.6698, 12.5202, 12.0996

Details

The CIELCh color **87, 19.134, 27.001** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 16.173, 205.801**, 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, 18.770, 27.771** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.808, 27.895**, and if you desaturate by 10%, it is **93, 9.252, 26.566**.

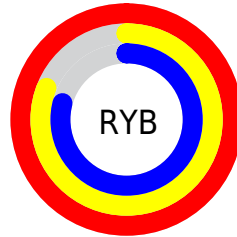
Distribution



Red (100%)

Green (81%)

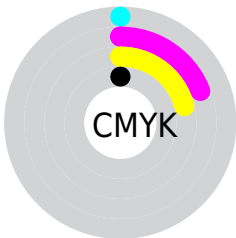
Blue (79%)



Red (100%)

Yellow (81%)

Blue (79%)

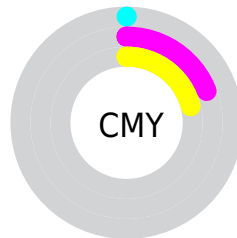


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 19.134, 27.001 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, 19.134, 27.001 by changing the saturation by 10% instead.

 87, 19.134, 27.001

 87, 19.134, 27.001

 100, 19.134,
27.001

 77, 19.134, 27.001

 67, 19.134, 27.001

 57, 19.134, 27.001

 47, 19.134, 27.001

 37, 19.134, 27.001

 27, 19.134, 27.001

 17, 19.134, 27.001

 7, 19.134, 27.001

 0, 19.134, 27.001

87, 19.134, 27.001

87, 19.134, 27.001

81, 28.808, 27.895

93, 9.252, 26.566

75, 39.723, 28.923

100, 0.590, 25.130

70, 51.306, 30.302

100, 0.012,
296.813

65, 63.372, 32.103

61, 75.590, 34.354

57, 87.366, 36.922

55, 97.434, 39.277

54, 103.555,
40.607

Harmonies

Complementary

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



87, 19.134, 27.001



95, 16.173, 205.801

Rectangle

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



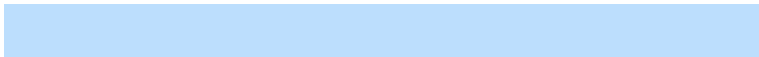
87, 19.134, 27.001



87, 19.134, 77.001



87, 19.134, 207.001



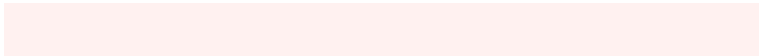
87, 19.134, 257.001

Sweetspot

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



87, 18.647, 27.137



96, 5.082, 26.313



87, 31.661, 327.463



51, 3.380, 26.351



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, 18.647, 27.137



84, 22.910, 27.434



93, 17.684, 79.571



50, 4.886, 26.504



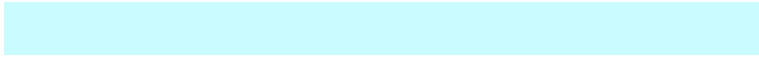
40, 83.155, 40.798



10, 31.899, 30.894

Inverse Universe

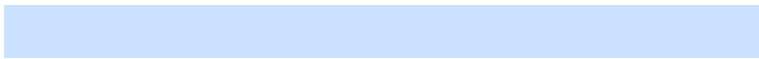
The Inverse Universe completely reimagines the original color for something new.



95, 16.173, 205.801



95, 19.228, 205.742



89, 17.109, 265.376



52, 4.592, 206.063



66, 36.707, 209.516



22, 17.046, 207.788

Previews

White Background



This preview shows how the CIELCh color 87, 19.134, 27.001 looks on a white background.

Color Contrast Check

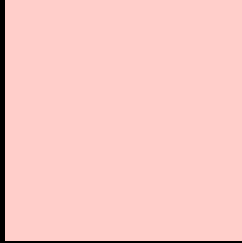
Large Text (above 18pt) WCAG AA × Fail

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, 19.134, 27.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

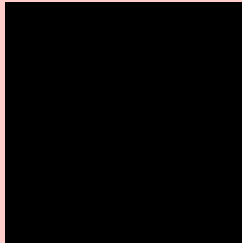
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

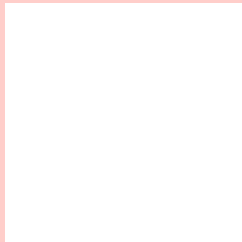
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 19.134, 27.001

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.134, 27.001.

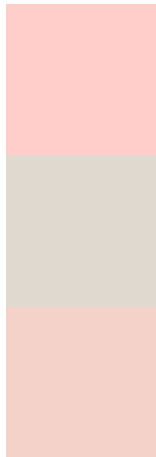


This preview shows how white text looks on a background with the CIELCh color 87, 19.134, 27.001.

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, 18.726, 27.098

Protanopia

87, 5.334, 80.906

Deuteranopia

87, 14.067, 39.655



Tritanopia
87, 20.293, 358.420

Trichromacy



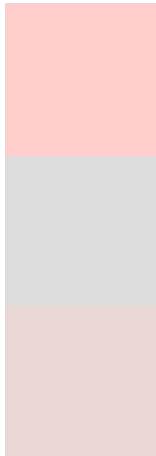
Original Color
87, 18.726, 27.098

Protanomaly
87, 8.966, 43.847

Deuteranomaly
87, 15.753, 35.690

Tritanomaly
87, 19.030, 8.287

Monochromacy



Original Color
87, 18.726, 27.098

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 6.617, 24.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.134, 27.001 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, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 202)  
}
```

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, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.134, 27.001 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, 206, 202) }
```

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

```
.border{ border-color:rgb(255, 206, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.134, 27.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 202) }
```

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

```
.background{ background-color: rgb(255,  
206, 202) }
```

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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