

Converting Colors

CIELCh(87, 17.943, 24.825)

Have a look what the booklet for
CIELCh(87, 17.943, 24.825) contains.

CIELCh(87, 17.843, 25.682)	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(87, 17.843, 25.682)

Conversions

Conversions Part 1

Format	Color
Hex	FECFCC
RGB	254, 207, 204
RGB Percent	100%, 81%, 80%
CMY	0.0042, 0.1885, 0.2003
CMYK	0.00, 0.19, 0.20, 0.00
HSL	4°, 96%, 90%
HSV	4°, 20%, 100%
XYZ	74.0341, 70.0064, 66.6950
YIQ	220.7110, 28.9750, 9.0310

Conversions

Conversions Part 2

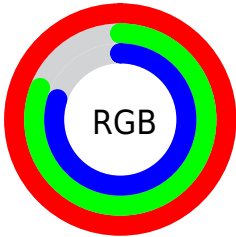
Format	Color
RYB	254, 207, 204
Decimal	16699340
CIELab	87.00, 16.08, 7.73
CIELCh	87, 17.843, 25.682
Yxy	70.0064, 0.3513, 0.3322
Android (android.graphics.Color)	4294889420 (0xFFFEFCFC)
YUV	220.7110, -8.2385, 29.1945
Hunter-Lab	83.6698, 11.5211, 11.3075

Details

The CIELCh color **87, 17.843, 25.682** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 15.602, 204.173**, 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, 17.811, 26.288** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.020, 26.503**, and if you desaturate by 10%, it is **93, 8.425, 25.063**.

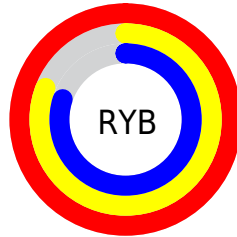
Distribution



Red (100%)

Green (81%)

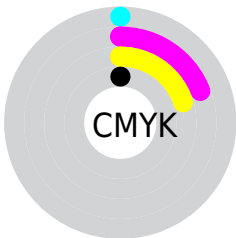
Blue (80%)



Red (100%)

Yellow (81%)

Blue (80%)

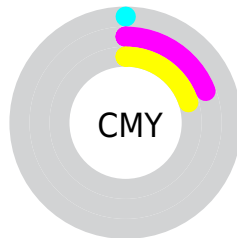


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 17.843, 25.682 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, 17.843, 25.682 by changing the saturation by 10% instead.

 87, 17.843, 25.682

 87, 17.843, 25.682

 100, 17.843,
25.682

 77, 17.843, 25.682

 67, 17.843, 25.682

 57, 17.843, 25.682

 47, 17.843, 25.682

 37, 17.843, 25.682

 27, 17.843, 25.682

 17, 17.843, 25.682

 7, 17.843, 25.682

 0, 17.843, 25.682

87, 17.843, 25.682

87, 17.843, 25.682

81, 28.020, 26.503

93, 8.425, 25.063

75, 38.945, 27.592

100, 0.260,
207.280

69, 50.527, 29.041

100, 0.372,
201.163

65, 62.574, 30.934

60, 74.757, 33.311

57, 86.515, 36.066

55, 96.692, 38.706

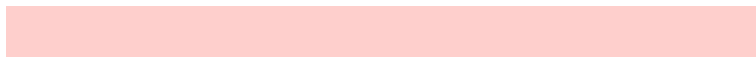
53, 103.318,
40.389

53, 103.489,
40.447

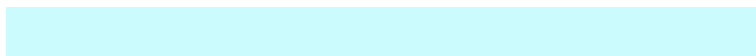
Harmonies

Complementary

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



87, 17.843, 25.682



96, 15.602, 204.173

Rectangle

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



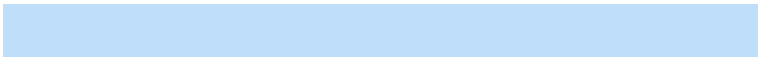
87, 17.843, 25.682



87, 17.843, 75.682



87, 17.843, 205.682



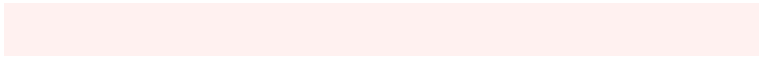
87, 17.843, 255.682

Sweetspot

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



87, 17.841, 25.690



96, 5.157, 24.840



88, 30.333, 326.915



51, 3.430, 24.882



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, 17.841, 25.690



85, 22.212, 26.013



93, 16.520, 78.076



50, 4.957, 25.053



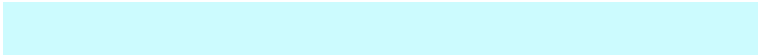
40, 83.405, 40.609



10, 32.184, 30.113

Inverse Universe

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



96, 15.602, 204.173



95, 18.802, 204.075



89, 15.932, 263.551



52, 4.660, 204.491



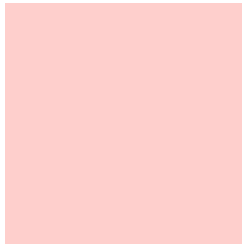
67, 37.326, 206.535



22, 17.314, 205.219

Previews

White Background



This preview shows how the CIELCh color 87, 17.843, 25.682 looks on a white background.

Color Contrast Check

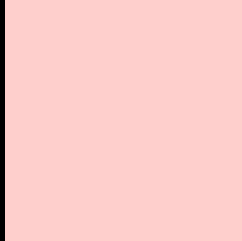
Large Text (above 18pt) WCAG AA × Fail

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, 17.843, 25.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

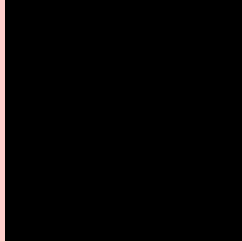
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 17.843, 25.682

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.843, 25.682.

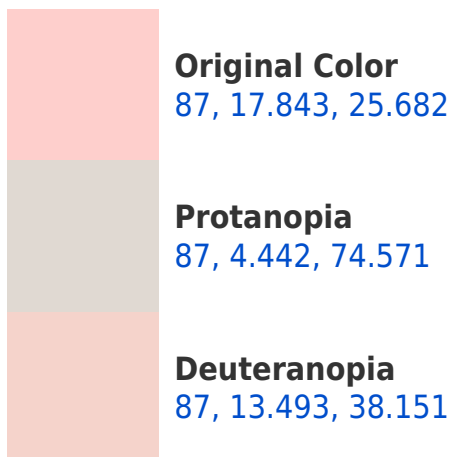


This preview shows how white text looks on a background with the CIELCh color 87, 17.843, 25.682.

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





Tritanopia
87, 19.932, 357.961

Trichromacy



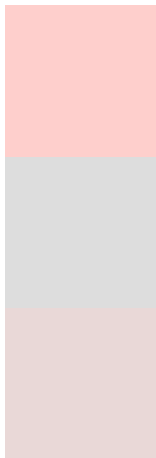
Original Color
87, 17.843, 25.682

Protanomaly
87, 8.565, 37.577

Deuteranomaly
87, 14.823, 34.540

Tritanomaly
87, 18.643, 7.989

Monochromacy



Original Color
87, 17.843, 25.682

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.240, 24.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.843, 25.682 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, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 204)  
}
```

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, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.843, 25.682 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, 207, 204) }
```

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

```
.border{ border-color:rgb(254, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.843, 25.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 204) }
```

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

```
.background{ background-color: rgb(254,  
207, 204) }
```

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