

Converting Colors

CIELCh(87, 15.800, 20.557)

Have a look what the booklet for
CIELCh(87, 15.800, 20.557) contains.

CIELCh(87, 15.727, 20.553)	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, 15.727, 20.553)

Conversions

Conversions Part 1

Format	Color
Hex	FAD0D0
RGB	250, 208, 208
RGB Percent	98%, 82%, 82%
CMY	0.0195, 0.1842, 0.1842
CMYK	0.00, 0.17, 0.17, 0.02
HSL	0°, 81%, 90%
HSV	0°, 17%, 98%
XYZ	73.3821, 70.0064, 69.3341
YIQ	220.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

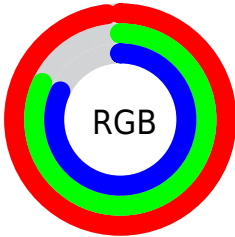
Format	Color
R _Y B	250, 208, 208
Decimal	16437456
CIE Lab	87.00, 14.73, 5.52
CIE LCh	87, 15.727, 20.553
Yxy	70.0064, 0.3450, 0.3291
Android (android.graphics.Color)	4294627536 (0xFFFAD0D0)
YUV	220.5580, -6.1911, 25.8206
Hunter-Lab	83.6698, 10.1302, 9.4375

Details

The CIELCh color **87, 15.727, 20.553** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 14.087, 198.562**, 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, 15.520, 20.839** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.084, 21.571**, and if you desaturate by 10%, it is **94, 6.116, 19.733**.

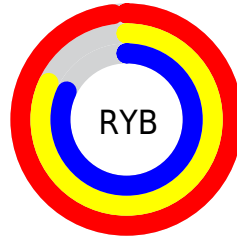
Distribution



Red (98%)

Green (82%)

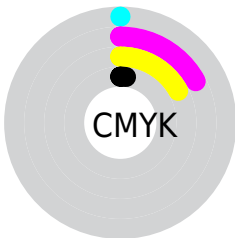
Blue (82%)



Red (98%)

Yellow (82%)

Blue (82%)

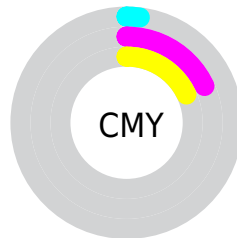


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 15.727, 20.553 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, 15.727, 20.553 by changing the saturation by 10% instead.

 87, 15.727, 20.553

 87, 15.727, 20.553

 100, 15.727,
20.553

 77, 15.727, 20.553

 67, 15.727, 20.553

 57, 15.727, 20.553

 47, 15.727, 20.553

 37, 15.727, 20.553

 27, 15.727, 20.553

 17, 15.727, 20.553

 7, 15.727, 20.553

 0, 15.727, 20.553

87, 15.727, 20.553

87, 15.727, 20.553

81, 26.084, 21.571

94, 6.116, 19.733

74, 37.158, 22.879

100, 1.727,
199.679

69, 48.824, 24.592

63, 60.845, 26.823

59, 72.864, 29.665

56, 84.376, 33.078

54, 94.516, 36.664

52, 101.395,
39.346

52, 103.024,
40.001

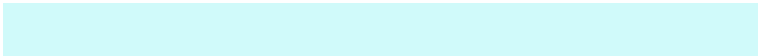
Harmonies

Complementary

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



87, 15.727, 20.553



95, 14.087, 198.562

Rectangle

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



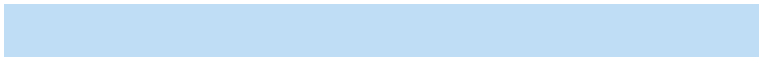
87, 15.727, 20.553



87, 15.727, 70.553



87, 15.727, 200.553



87, 15.727, 250.553

Sweetspot

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



87, 15.725, 20.561



97, 4.538, 19.576



88, 26.420, 325.358



51, 3.105, 19.640



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

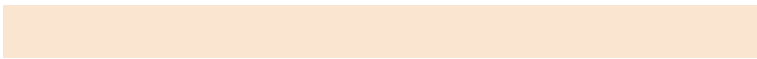
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 15.725, 20.561



86, 19.267, 20.860



92, 13.389, 73.311



49, 5.167, 19.951



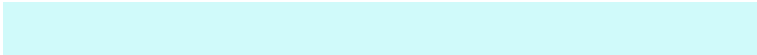
39, 83.390, 40.001



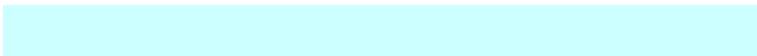
9, 32.193, 26.145

Inverse Universe

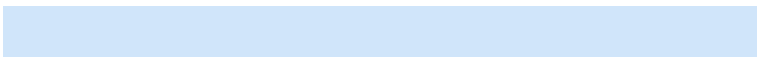
The Inverse Universe completely reimagines the original color for something new.



95, 14.087, 198.562



97, 16.870, 198.396



90, 12.816, 257.806



51, 4.864, 198.974



69, 39.957, 196.404



23, 18.079, 196.401

Previews

White Background



This preview shows how the CIELCh color 87, 15.727, 20.553 looks on a white background.

Color Contrast Check

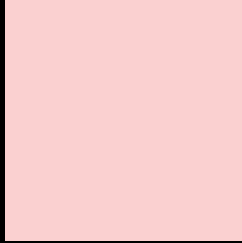
Large Text (above 18pt) WCAG AA × Fail

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, 15.727, 20.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

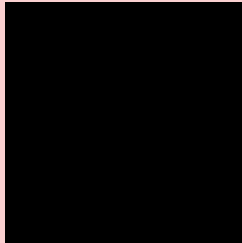
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 15.727, 20.553

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.727, 20.553.

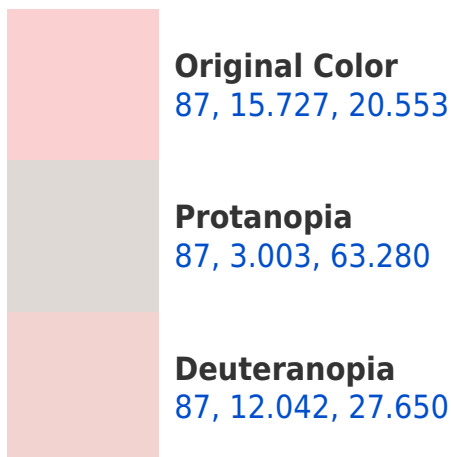


This preview shows how white text looks on a background with the CIELCh color 87, 15.727, 20.553.

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, 18.757, 354.534

Trichromacy



Original Color
87, 15.727, 20.553

Protanomaly
87, 7.169, 32.394

Deuteranomaly
87, 13.497, 24.758

Tritanomaly
87, 17.023, 2.949

Monochromacy



Original Color
87, 15.727, 20.553

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.841, 19.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.727, 20.553 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(250, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(250, 208, 208)  
}
```

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(250, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 208, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.727, 20.553 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(250, 208, 208) }
```

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

```
.border{ border-color:rgb(250, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(250, 208,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.727, 20.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 208, 208) }
```

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

```
.background{ background-color: rgb(250,  
208, 208) }
```

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