

Converting Colors

CIELCh(87, 15.083, 15.570)

Have a look what the booklet for
CIELCh(87, 15.083, 15.570) contains.

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Color

CIELCh(87, 15.336, 14.719)

Conversions

Conversions Part 1

Format	Color
Hex	F9D0D3
RGB	249, 208, 211
RGB Percent	98%, 82%, 83%
CMY	0.0232, 0.1840, 0.1723
CMYK	0.00, 0.16, 0.15, 0.02
HSL	356°, 78%, 90%
HSV	356°, 16%, 98%
XYZ	73.4334, 70.0064, 71.3168
YIQ	220.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

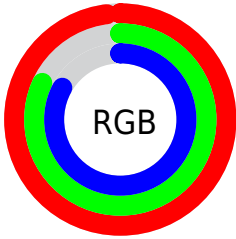
Format	Color
R _Y B	249, 208, 211
Decimal	16371923
CIE Lab	87.00, 14.83, 3.90
CIE LCh	87, 15.336, 14.719
Yxy	70.0064, 0.3419, 0.3260
Android (android.graphics.Color)	4294562003 (0xFFF9D0D3)
YUV	220.6010, -4.7333, 24.9059
Hunter-Lab	83.6698, 10.2396, 8.0324

Details

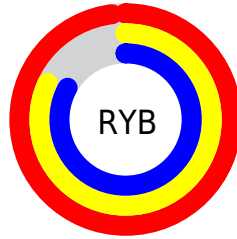
The CIELCh color **87, 15.336, 14.719** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 13.976, 192.202**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 15.085, 14.588** is the 20% darker color. If you saturate the color by 10%, you get **81, 25.493, 15.880**, and if you desaturate by 10%, it is **94, 5.812, 13.744**.

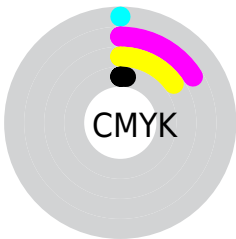
Distribution



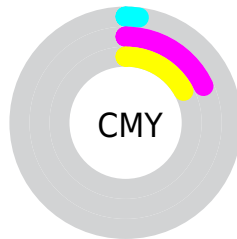
- Red (98%)
- Green (82%)
- Blue (83%)



- Red (98%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 15.336, 14.719 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, 15.336, 14.719 by changing the saturation by 10% instead.

 87, 15.336, 14.719

 87, 15.336, 14.719

 100, 15.336,
14.719

 77, 15.336, 14.719

 67, 15.336, 14.719

 57, 15.336, 14.719

 47, 15.336, 14.719

 37, 15.336, 14.719

 27, 15.336, 14.719

 17, 15.336, 14.719

 7, 15.336, 14.719

 0, 15.336, 14.719

87, 15.336, 14.719

87, 15.336, 14.719

81, 25.493, 15.880

94, 5.812, 13.744

74, 36.225, 17.321

100, 2.055,
199.597

69, 47.380, 19.157

64, 58.698, 21.511

59, 69.824, 24.510

56, 80.358, 28.218

54, 89.875, 32.482

52, 97.620, 36.662

52, 99.778, 37.809

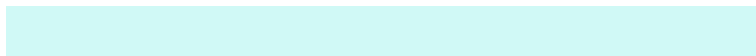
Harmonies

Complementary

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



87, 15.336, 14.719



95, 13.976, 192.202

Rectangle

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



87, 15.336, 14.719



87, 15.336, 64.719



87, 15.336, 194.719



87, 15.336, 244.719

Sweetspot

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



87, 15.334, 14.727



97, 4.562, 13.593



88, 25.180, 322.992



51, 3.120, 13.668



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

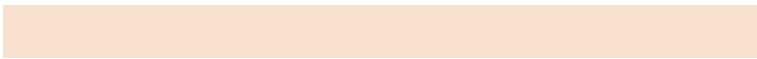
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 15.334, 14.727



86, 19.223, 15.111



91, 12.589, 64.099



49, 5.182, 14.038



39, 80.354, 37.173



9, 31.686, 23.193

Inverse Universe

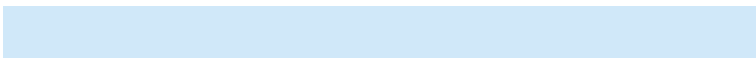
The Inverse Universe completely reimagines the original color for something new.



87, 15.334, 14.727



86, 19.223, 15.111



91, 11.789, 248.000



49, 5.182, 14.038



39, 80.354, 37.173



9, 31.686, 23.193

Previews

White Background



This preview shows how the CIELCh color 87, 15.336, 14.719 looks on a white background.

Color Contrast Check

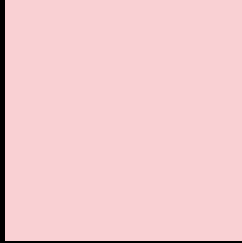
Large Text (above 18pt) WCAG AA × Fail

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, 15.336, 14.719 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, 15.336, 14.719

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.336, 14.719.



This preview shows how white text looks on a background with the CIELCh color 87, 15.336, 14.719.

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, 15.336, 14.719

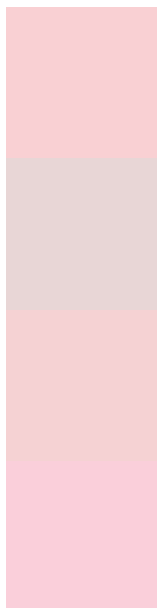
Protanopia
87, 1.877, 35.354

Deuteranopia
87, 11.495, 20.209



Tritanopia
87, 18.426, 353.984

Trichromacy



Original Color
87, 15.336, 14.719

Protanomaly
87, 6.594, 19.800

Deuteranomaly
87, 13.011, 18.053

Tritanomaly
87, 16.811, 0.817

Monochromacy



Original Color
87, 15.336, 14.719

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.491, 14.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.336, 14.719 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(249, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 211)  
}
```

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(249, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.336, 14.719 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(249, 208, 211) }
```

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

```
.border{ border-color:rgb(249, 208, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.336, 14.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 211) }
```

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

```
.background{ background-color: rgb(249,  
208, 211) }
```

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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