

Converting Colors

CIELCh(87, 15.210, 36.625)

Have a look what the booklet for
CIELCh(87, 15.210, 36.625) contains.

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Color

CIELCh(87, 15.378, 36.048)

Conversions

Conversions Part 1

Format	Color
Hex	F8D1C9
RGB	248, 209, 201
RGB Percent	97%, 82%, 79%
CMY	0.0262, 0.1791, 0.2105
CMYK	0.00, 0.16, 0.19, 0.03
HSL	10°, 78%, 88%
HSV	10°, 19%, 97%
XYZ	72.2874, 70.0064, 65.1560
YIQ	219.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

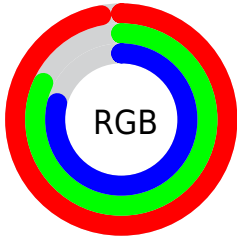
Format	Color
R _Y B	248, 211, 201
Decimal	16306633
CIE Lab	87.00, 12.43, 9.05
CIE LCh	87, 15.378, 36.048
Yxy	70.0064, 0.3485, 0.3375
Android (android.graphics.Color)	4294496713 (0xFFFF8D1C9)
YUV	219.7490, -9.2433, 24.7761
Hunter-Lab	83.6698, 7.7947, 12.3981

Details

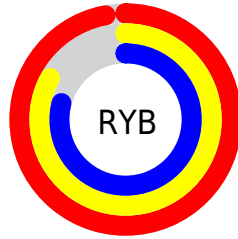
The CIELCh color **87, 15.378, 36.048** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.533, 216.535**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 15.244, 37.287** is the 20% darker color. If you saturate the color by 10%, you get **82, 24.515, 36.272**, and if you desaturate by 10%, it is **93, 6.956, 35.955**.

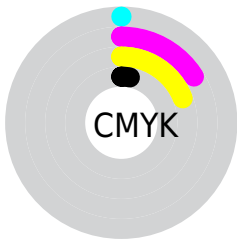
Distribution



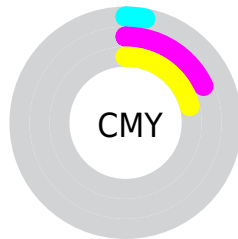
- Red (97%)
- Green (82%)
- Blue (79%)



- Red (97%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 15.378, 36.048 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, 15.378, 36.048 by changing the saturation by 10% instead.

 87, 15.378, 36.048

 87, 15.378, 36.048

 100, 15.378,
36.048

 77, 15.378, 36.048

 67, 15.378, 36.048

 57, 15.378, 36.048

 47, 15.378, 36.048

 37, 15.378, 36.048

 27, 15.378, 36.048

 17, 15.378, 36.048

 7, 15.378, 36.048

 0, 15.378, 36.048

87, 15.378, 36.048

87, 15.378, 36.048

82, 24.515, 36.272

93, 6.956, 35.955

76, 34.404, 36.667

98, 0.801, 216.914

71, 45.033, 37.294

100, 2.312,
199.545

67, 56.317, 38.193

62, 68.049, 39.370

59, 79.766, 40.723

56, 90.434, 41.890

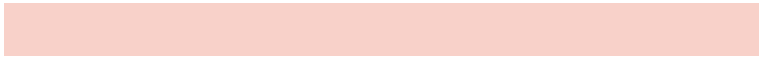
54, 98.230, 42.219

54, 98.955, 42.276

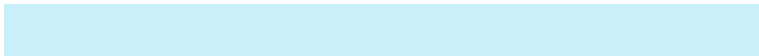
Harmonies

Complementary

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



87, 15.378, 36.048



92, 13.533, 216.535

Rectangle

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



87, 15.378, 36.048



87, 15.378, 86.048



87, 15.378, 216.048



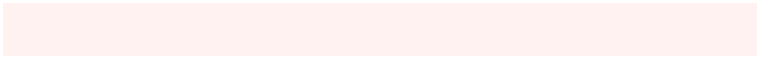
87, 15.378, 266.048

Sweetspot

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



87, 15.377, 36.058



97, 4.716, 35.916



86, 26.423, 330.549



51, 3.137, 35.927



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, 15.377, 36.058



87, 19.420, 36.128



93, 17.166, 88.701



49, 4.460, 35.961



41, 80.106, 42.625



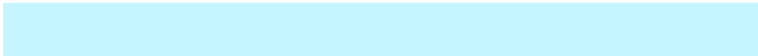
11, 29.165, 34.883

Inverse Universe

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



92, 13.533, 216.535



94, 16.574, 216.682



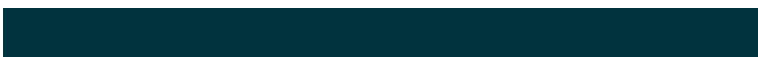
86, 17.097, 273.834



51, 4.197, 216.323



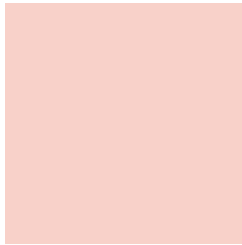
60, 34.732, 229.131



19, 15.728, 224.462

Previews

White Background



This preview shows how the CIELCh color 87, 15.378, 36.048 looks on a white background.

Color Contrast Check

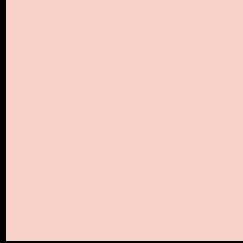
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 87, 15.378, 36.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

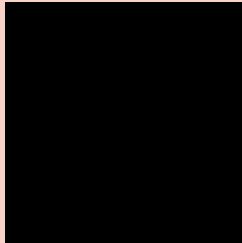
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 15.378, 36.048

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.378, 36.048.

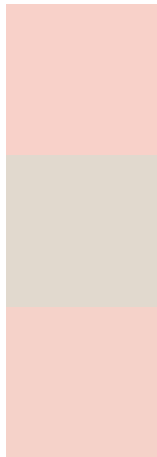


This preview shows how white text looks on a background with the CIELCh color 87, 15.378, 36.048.

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, 15.378, 36.048

Protanopia

87, 6.434, 82.337

Deuteranopia

87, 14.067, 39.655



Tritanopia
87, 18.426, 353.984

Trichromacy



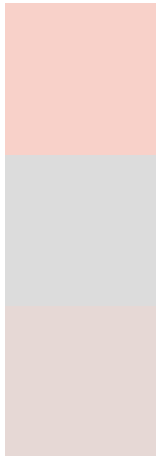
Original Color
87, 15.378, 36.048

Protanomaly
87, 8.796, 56.030

Deuteranomaly
87, 14.434, 39.166

Tritanomaly
87, 16.327, 7.785

Monochromacy



Original Color
87, 15.378, 36.048

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 5.352, 36.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.378, 36.048 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(248, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 209, 201)  
}
```

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(248, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 209, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.378, 36.048 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(248, 209, 201) }
```

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

```
.border{ border-color:rgb(248, 209, 201) }
```

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

Here you see how a box with a 4 pixel rgb(248, 209, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 209,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.378, 36.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 209, 201) }
```

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

```
.background{ background-color: rgb(248,  
209, 201) }
```

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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