

Converting Colors

CIELCh(87, 11.258, 40.734)

Have a look what the booklet for
CIELCh(87, 11.258, 40.734) contains.

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Color

CIELCh(87, 11.306, 41.623)

Conversions

Conversions Part 1

Format	Color
Hex	F0D4CC
RGB	240, 212, 204
RGB Percent	94%, 83%, 80%
CMY	0.0586, 0.1684, 0.1998
CMYK	0.00, 0.12, 0.15, 0.06
HSL	13°, 55%, 87%
HSV	13°, 15%, 94%
XYZ	70.4118, 70.0064, 66.9580
YIQ	219.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

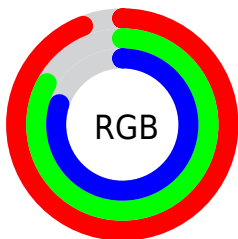
Format	Color
R _Y B	240, 214, 204
Decimal	15783116
CIE Lab	87.00, 8.45, 7.51
CIE LCh	87, 11.306, 41.623
Yxy	70.0064, 0.3395, 0.3376
Android (android.graphics.Color)	4293973196 (0xFFFF0D4CC)
YUV	219.4600, -7.6218, 18.0136
Hunter-Lab	83.6698, 3.7933, 11.1212

Details

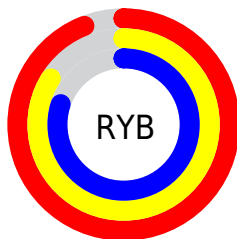
The CIELCh color **87, 11.306, 41.623** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 10.279, 222.818**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 11.471, 39.798** is the 20% darker color. If you saturate the color by 10%, you get **82, 19.642, 41.511**, and if you desaturate by 10%, it is **92, 3.616, 41.774**.

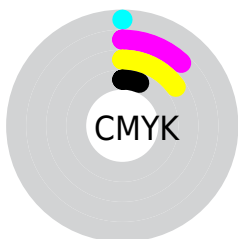
Distribution



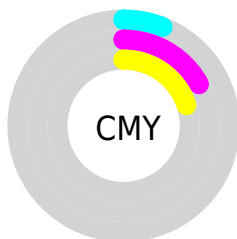
- Red (94%)
- Green (83%)
- Blue (80%)



- Red (94%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 11.306, 41.623 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, 11.306, 41.623 by changing the saturation by 10% instead.

 87, 11.306, 41.623

 87, 11.306, 41.623

 100, 11.306,
41.623

 77, 11.306, 41.623

 67, 11.306, 41.623

 57, 11.306, 41.623

 47, 11.306, 41.623

 37, 11.306, 41.623

 27, 11.306, 41.623

 17, 11.306, 41.623

 7, 11.306, 41.623

 0, 11.306, 41.623

87, 11.306, 41.623

87, 11.306, 41.623

82, 19.642, 41.511

92, 3.616, 41.774

77, 28.675, 41.510

97, 3.487, 222.452

72, 38.425, 41.675

99, 5.146, 199.208

68, 48.866, 42.039

64, 59.877, 42.611

60, 71.157, 43.333

57, 82.004, 43.982

54, 90.920, 43.995

53, 94.416, 43.802

Harmonies

Complementary

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



87, 11.306, 41.623



90, 10.279, 222.818

Rectangle

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



87, 11.306, 41.623



87, 11.306, 91.623



87, 11.306, 221.623



87, 11.306, 271.623

Sweetspot

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



87, 11.305, 41.637



98, 3.027, 41.761



86, 19.630, 332.062



52, 2.158, 41.773



0, 0.000, 0.000



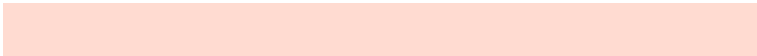
53, 0.007, 296.813

Same Dimension

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



87, 11.305, 41.637



90, 14.431, 41.588



91, 13.829, 93.064



47, 4.182, 41.732



41, 76.773, 44.243



10, 25.885, 36.473

Inverse Universe

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



90, 10.279, 222.818



94, 12.845, 222.990



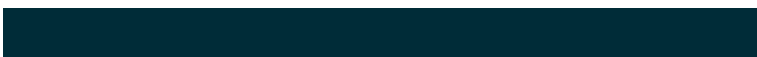
86, 13.906, 276.938



49, 3.946, 222.566



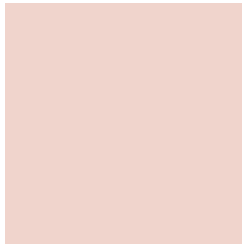
55, 34.819, 240.384



16, 14.930, 233.682

Previews

White Background



This preview shows how the CIELCh color 87, 11.306, 41.623 looks on a white background.

Color Contrast Check

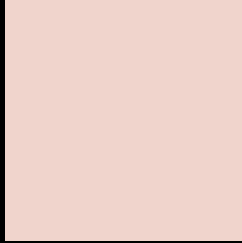
Large Text (above 18pt) WCAG AA × Fail

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, 11.306, 41.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

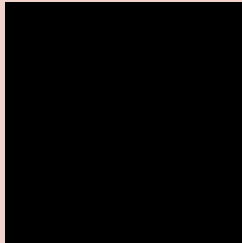
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 11.306, 41.623

Background



This preview shows how black text looks on a background with the CIELCh color 87, 11.306, 41.623.

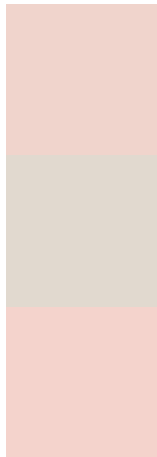


This preview shows how white text looks on a background with the CIELCh color 87, 11.306, 41.623.

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, 11.306, 41.623

Protanopia

87, 5.972, 80.120

Deuteranopia

87, 12.945, 36.514



Tritanopia
87, 14.898, 346.475

Trichromacy



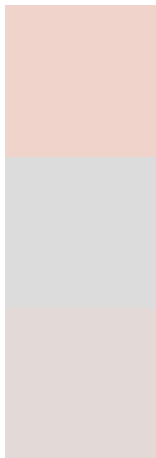
Original Color
87, 11.306, 41.623

Protanomaly
87, 7.267, 59.797

Deuteranomaly
87, 12.577, 36.983

Tritanomaly
87, 12.299, 3.082

Monochromacy



Original Color
87, 11.306, 41.623

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 3.956, 42.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 11.306, 41.623 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(240, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 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(240, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 11.306, 41.623 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(240, 212, 204) }
```

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

```
.border{ border-color:rgb(240, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 11.306, 41.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 204) }
```

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

```
.background{ background-color: rgb(240,  
212, 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](#).

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