

Converting Colors

CIELCh(87, 12.003, 34.419)

Have a look what the booklet for
CIELCh(87, 12.003, 34.419) contains.

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Color

CIELCh(87, 12.041, 35.165)

Conversions

Conversions Part 1

Format	Color
Hex	F2D3CD
RGB	242, 211, 205
RGB Percent	95%, 83%, 80%
CMY	0.0502, 0.1718, 0.1954
CMYK	0.00, 0.13, 0.15, 0.05
HSL	10°, 59%, 88%
HSV	10°, 15%, 95%
XYZ	71.0637, 70.0064, 67.6394
YIQ	219.5850, 20.4020, 4.7060

Conversions

Conversions Part 2

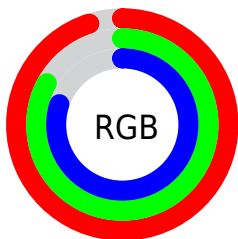
Format	Color
R _Y B	242, 212, 205
Decimal	15913933
CIE Lab	87.00, 9.84, 6.93
CIE LCh	87, 12.041, 35.165
Yxy	70.0064, 0.3405, 0.3354
Android (android.graphics.Color)	4294104013 (0xFFF2D3CD)
YUV	219.5850, -7.1904, 19.6580
Hunter-Lab	83.6698, 5.1840, 10.6383

Details

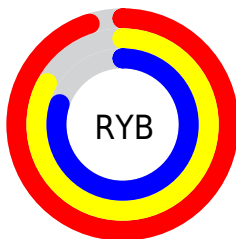
The CIELCh color **87, 12.041, 35.165** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 10.878, 215.475**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 12.299, 33.278** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.779, 35.383**, and if you desaturate by 10%, it is **93, 3.990, 35.024**.

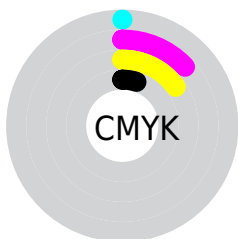
Distribution



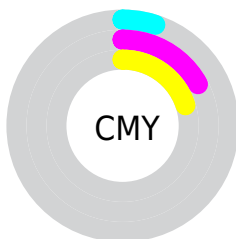
- Red (95%)
- Green (83%)
- Blue (80%)



- Red (95%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 12.041, 35.165 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, 12.041, 35.165 by changing the saturation by 10% instead.

 87, 12.041, 35.165

 87, 12.041, 35.165

 100, 12.041,
35.165

 77, 12.041, 35.165

 67, 12.041, 35.165

 57, 12.041, 35.165

 47, 12.041, 35.165

 37, 12.041, 35.165

 27, 12.041, 35.165

 17, 12.041, 35.165

 7, 12.041, 35.165

 0, 12.041, 35.165

87, 12.041, 35.165

87, 12.041, 35.165

82, 20.779, 35.383

93, 3.990, 35.024

76, 30.246, 35.753

98, 3.428, 215.424

71, 40.447, 36.343

99, 4.418, 199.275

67, 51.327, 37.202

62, 62.731, 38.355

58, 74.318, 39.757

55, 85.339, 41.167

53, 94.169, 41.938

52, 97.330, 42.112

Harmonies

Complementary

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



87, 12.041, 35.165



91, 10.878, 215.475

Rectangle

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



87, 12.041, 35.165



87, 12.041, 85.165



87, 12.041, 215.165



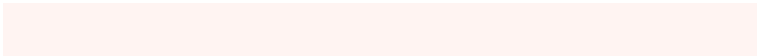
87, 12.041, 265.165

Sweetspot

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



87, 12.040, 35.177



97, 3.935, 35.016



86, 21.115, 329.752



51, 2.693, 35.036



0, 0.000, 0.000



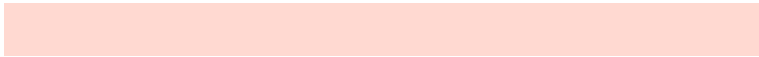
53, 0.007, 296.813

Same Dimension

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



87, 12.040, 35.177



90, 14.962, 35.221



91, 13.311, 87.806



47, 4.333, 35.101



40, 78.674, 42.461



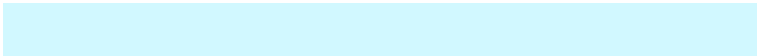
9, 26.757, 32.866

Inverse Universe

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



91, 10.878, 215.475



95, 13.250, 215.539



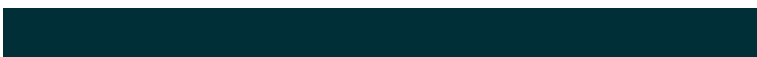
87, 13.234, 271.914



49, 4.077, 215.392



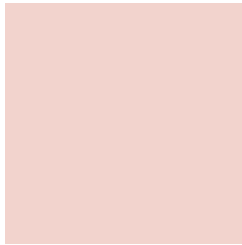
58, 34.018, 227.308



17, 14.903, 222.444

Previews

White Background



This preview shows how the CIELCh color 87, 12.041, 35.165 looks on a white background.

Color Contrast Check

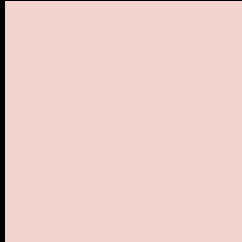
Large Text (above 18pt) WCAG AA × Fail

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, 12.041, 35.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

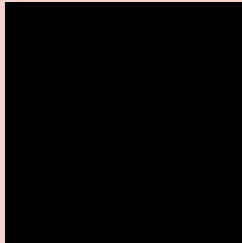
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 12.041, 35.165

Background



This preview shows how black text looks on a background with the CIELCh color 87, 12.041, 35.165.

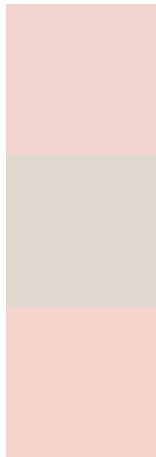


This preview shows how white text looks on a background with the CIELCh color 87, 12.041, 35.165.

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, 12.041, 35.165

Protanopia

87, 5.334, 80.906

Deuteranopia

87, 12.784, 34.323



Tritanopia
87, 16.096, 347.226

Trichromacy



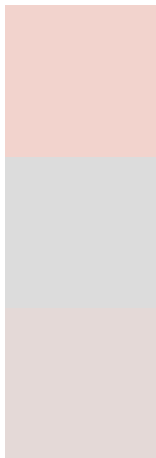
Original Color
87, 12.041, 35.165

Protanomaly
87, 7.238, 54.804

Deuteranomaly
87, 12.412, 34.731

Tritanomaly
87, 13.667, 0.388

Monochromacy



Original Color
87, 12.041, 35.165

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 4.134, 34.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 12.041, 35.165 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(242, 211, 205)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 205)  
}
```

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(242, 211, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 12.041, 35.165 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(242, 211, 205) }
```

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

```
.border{ border-color:rgb(242, 211, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 12.041, 35.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 205) }
```

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

```
.background{ background-color: rgb(242,  
211, 205) }
```

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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