

Converting Colors

CIELCh(87, 13.384, 31.445)

Have a look what the booklet for
CIELCh(87, 13.384, 31.445) contains.

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Color

CIELCh(87, 13.408, 31.456)

Conversions

Conversions Part 1

Format	Color
Hex	F5D2CD
RGB	245, 210, 205
RGB Percent	96%, 82%, 80%
CMY	0.0387, 0.1759, 0.1956
CMYK	0.00, 0.14, 0.16, 0.04
HSL	8°, 67%, 88%
HSV	8°, 16%, 96%
XYZ	71.8152, 70.0064, 67.5656
YIQ	219.8950, 22.4650, 5.8650

Conversions

Conversions Part 2

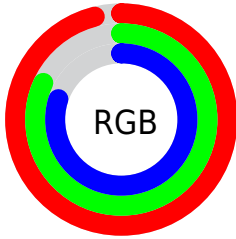
Format	Color
R _Y B	245, 211, 205
Decimal	16110285
CIE Lab	87.00, 11.44, 7.00
CIE LCh	87, 13.408, 31.456
Yxy	70.0064, 0.3430, 0.3343
Android (android.graphics.Color)	4294300365 (0xFFF5D2CD)
YUV	219.8950, -7.3432, 22.0171
Hunter-Lab	83.6698, 6.7873, 10.6906

Details

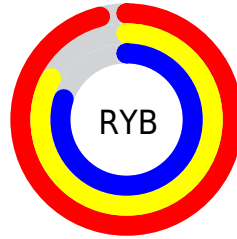
The CIELCh color **87, 13.408, 31.456** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 12.010, 211.194**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 13.383, 29.968** is the 20% darker color. If you saturate the color by 10%, you get **81, 22.552, 31.884**, and if you desaturate by 10%, it is **93, 4.979, 31.147**.

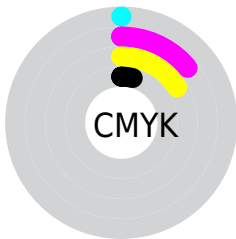
Distribution



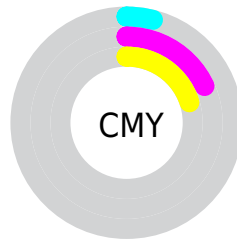
- Red (96%)
- Green (82%)
- Blue (80%)



- Red (96%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 13.408, 31.456 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, 13.408, 31.456 by changing the saturation by 10% instead.

 87, 13.408, 31.456

 87, 13.408, 31.456

 100, 13.408,
31.456

 77, 13.408, 31.456

 67, 13.408, 31.456

 57, 13.408, 31.456

 47, 13.408, 31.456

 37, 13.408, 31.456

 27, 13.408, 31.456

 17, 13.408, 31.456

 7, 13.408, 31.456

 0, 13.408, 31.456

87, 13.408, 31.456

87, 13.408, 31.456

81, 22.552, 31.884

93, 4.979, 31.147

76, 32.441, 32.499

99, 2.785, 211.392

71, 43.059, 33.376

99, 3.412, 199.383

66, 54.316, 34.575

61, 66.013, 36.130

58, 77.751, 37.990

55, 88.691, 39.871

53, 97.024, 41.013

52, 99.363, 41.340

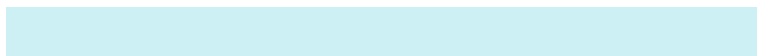
Harmonies

Complementary

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



87, 13.408, 31.456



93, 12.010, 211.194

Rectangle

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



87, 13.408, 31.456



87, 13.408, 81.456



87, 13.408, 211.456



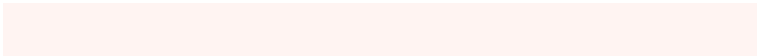
87, 13.408, 261.456

Sweetspot

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



87, 13.407, 31.467



97, 4.045, 31.091



87, 23.318, 328.735



51, 2.768, 31.123



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, 13.407, 31.467



88, 17.232, 31.603



92, 13.951, 84.795



48, 4.532, 31.253



40, 80.478, 41.618



10, 28.601, 31.697

Inverse Universe

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



93, 12.010, 211.194



95, 15.018, 211.215



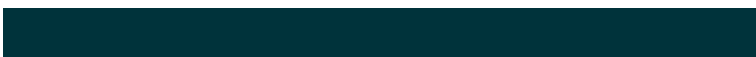
87, 13.765, 269.256



50, 4.260, 211.217



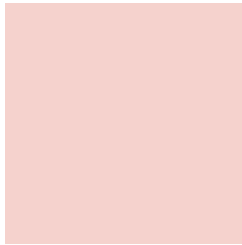
61, 34.687, 219.371



19, 15.569, 215.942

Previews

White Background



This preview shows how the CIELCh color 87, 13.408, 31.456 looks on a white background.

Color Contrast Check

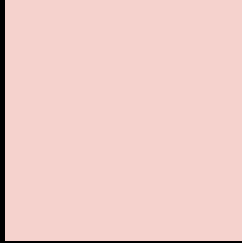
Large Text (above 18pt) WCAG AA × Fail

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, 13.408, 31.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

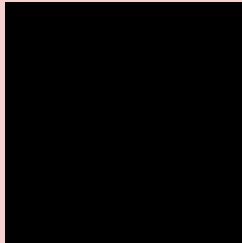
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 13.408, 31.456

Background



This preview shows how black text looks on a background with the CIELCh color 87, 13.408, 31.456.

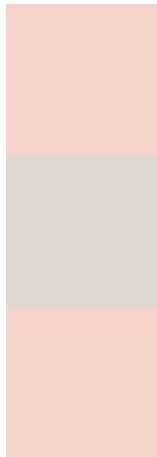


This preview shows how white text looks on a background with the CIELCh color 87, 13.408, 31.456.

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, 13.408, 31.456

Protanopia

87, 4.880, 78.032

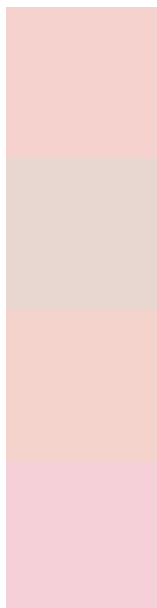
Deuteranopia

87, 12.784, 34.323



Tritanopia
87, 16.789, 350.931

Trichromacy



Original Color
87, 13.408, 31.456

Protanomaly
87, 7.264, 49.813

Deuteranomaly
87, 12.784, 34.323

Tritanomaly
87, 14.736, 1.996

Monochromacy



Original Color
87, 13.408, 31.456

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 4.767, 25.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 13.408, 31.456 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(245, 210, 205)` looks like.

```
.text, #text, p{  
    color:rgb(245, 210, 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(245, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 210, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 13.408, 31.456 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(245, 210, 205) }
```

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

```
.border{ border-color:rgb(245, 210, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 210, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 210,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 13.408, 31.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 210, 205) }
```

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

```
.background{ background-color: rgb(245,  
210, 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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