

Converting Colors

CIELCh(87, 16.232, 48.830)

Have a look what the booklet for
CIELCh(87, 16.232, 48.830) contains.

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Color

CIELCh(87, 16.231, 48.896)

Conversions

Conversions Part 1

Format	Color
Hex	F7D2C3
RGB	247, 210, 195
RGB Percent	97%, 82%, 76%
CMY	0.0303, 0.1754, 0.2342
CMYK	0.00, 0.15, 0.21, 0.03
HSL	17°, 77%, 87%
HSV	17°, 21%, 97%
XYZ	71.4530, 70.0064, 61.5359
YIQ	219.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

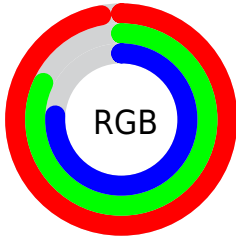
Format	Color
R_{YB}	247, 216, 195
Decimal	16241347
CIE _{Lab}	87.00, 10.67, 12.23
CIE _{LCh}	87, 16.231, 48.896
Yxy	70.0064, 0.3520, 0.3449
Android (android.graphics.Color)	4294431427 (0xFFF7D2C3)
YUV	219.3530, -12.0060, 24.2464
Hunter-Lab	83.6698, 6.0146, 14.9634

Details

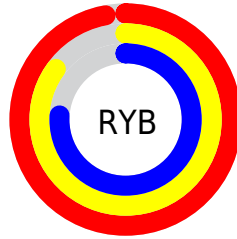
The CIELCh color **87, 16.231, 48.896** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 14.316, 231.924**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **67, 16.272, 50.672** is the 20% darker color. If you saturate the color by 10%, you get **82, 24.917, 48.470**, and if you desaturate by 10%, it is **92, 8.188, 49.406**.

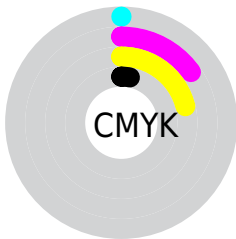
Distribution



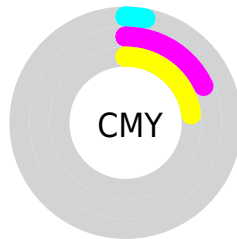
- Red (97%)
- Green (82%)
- Blue (76%)



- Red (97%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 16.231, 48.896 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, 16.231, 48.896 by changing the saturation by 10% instead.

 87, 16.231, 48.896

 87, 16.231, 48.896

 100, 16.231,
48.896

 77, 16.231, 48.896

 67, 16.231, 48.896

 57, 16.231, 48.896

 47, 16.231, 48.896

 37, 16.231, 48.896

 27, 16.231, 48.896

 17, 16.231, 48.896

 7, 16.231, 48.896

 0, 16.231, 48.896

87, 16.231, 48.896

87, 16.231, 48.896

82, 24.917, 48.470

92, 8.188, 49.406

78, 34.289, 48.138

97, 0.735, 49.263

73, 44.350, 47.934

99, 2.672, 199.484

69, 55.036, 47.863

65, 66.139, 47.887

62, 77.147, 47.855

59, 86.933, 47.387

56, 93.562, 46.310

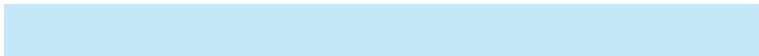
Harmonies

Complementary

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



87, 16.231, 48.896



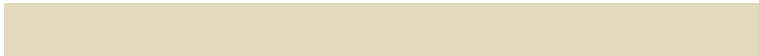
90, 14.316, 231.924

Rectangle

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



87, 16.231, 48.896



87, 16.231, 98.896



87, 16.231, 228.896



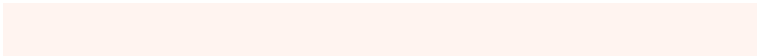
87, 16.231, 278.896

Sweetspot

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



87, 16.230, 48.906



97, 4.477, 49.636



84, 26.978, 335.078



51, 2.977, 49.611



0, 0.000, 0.000



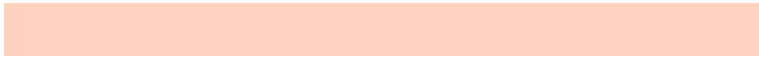
53, 0.007, 296.813

Same Dimension

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



87, 16.230, 48.906



87, 20.093, 48.721



93, 21.308, 96.895



49, 4.158, 49.483



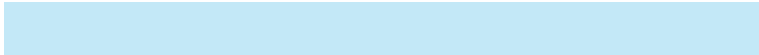
43, 75.105, 46.872



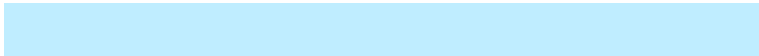
11, 26.230, 41.875

Inverse Universe

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



90, 14.316, 231.924



91, 17.252, 232.367



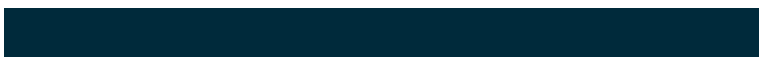
83, 21.751, 282.213



49, 3.945, 230.900



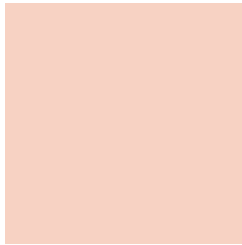
52, 37.990, 253.978



15, 16.067, 246.357

Previews

White Background



This preview shows how the CIELCh color 87, 16.231, 48.896 looks on a white background.

Color Contrast Check

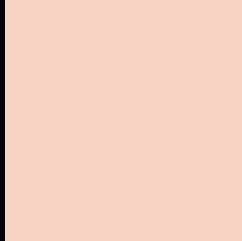
Large Text (above 18pt) WCAG AA × Fail

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, 16.231, 48.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

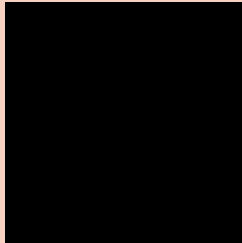
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 16.231, 48.896

Background



This preview shows how black text looks on a background with the CIELCh color 87, 16.231, 48.896.

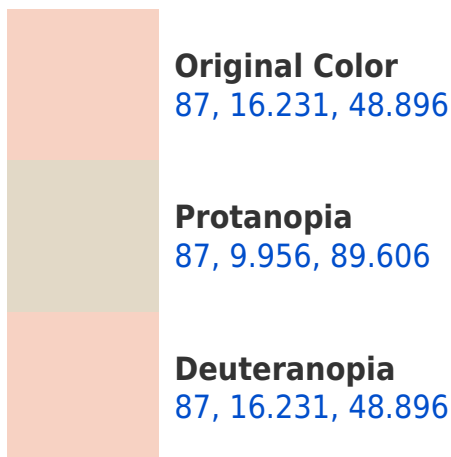



This preview shows how white text looks on a background with the CIELCh color 87, 16.231, 48.896.

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





Tritanopia
87, 18.426, 353.984

Trichromacy



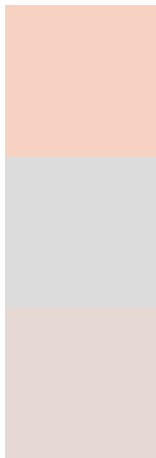
Original Color
87, 16.231, 48.896

Protanomaly
87, 11.403, 70.484

Deuteranomaly
87, 16.231, 48.896

Tritanomaly
87, 15.746, 13.010

Monochromacy



Original Color
87, 16.231, 48.896

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 5.756, 46.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 16.231, 48.896 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(247, 210, 195)` looks like.

```
.text, #text, p{  
    color:rgb(247, 210, 195)  
}
```

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(247, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 210, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 16.231, 48.896 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(247, 210, 195) }
```

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

```
.border{ border-color:rgb(247, 210, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 210, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 210, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 210, 195);  
box-shadow:4px 4px 4px 4px rgb(247, 210,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 16.231, 48.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 210, 195) }
```

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

```
.background{ background-color: rgb(247,  
210, 195) }
```

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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