

Converting Colors

CIELCh(87, 16.836, 59.825)

Have a look what the booklet for
CIELCh(87, 16.836, 59.825) contains.

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Color

CIELCh(87, 16.831, 60.358)

Conversions

Conversions Part 1

Format	Color
Hex	F5D4BF
RGB	245, 212, 191
RGB Percent	96%, 83%, 75%
CMY	0.0406, 0.1700, 0.2523
CMYK	0.00, 0.13, 0.22, 0.04
HSL	23°, 72%, 85%
HSV	23°, 22%, 96%
XYZ	70.3524, 70.0064, 58.8974
YIQ	219.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

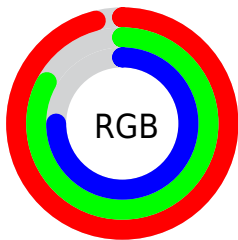
Format	Color
R _Y B	245, 225, 191
Decimal	16110783
CIE Lab	87.00, 8.32, 14.63
CIE LCh	87, 16.831, 60.358
Yxy	70.0064, 0.3531, 0.3513
Android (android.graphics.Color)	4294300863 (0xFFF5D4BF)
YUV	219.4730, -14.0372, 22.3872
Hunter-Lab	83.6698, 3.6665, 16.8331

Details

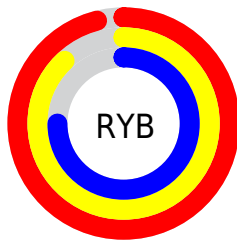
The CIELCh color **87, 16.831, 60.358** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 15.213, 245.340**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **67, 16.593, 58.969** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.293, 59.443**, and if you desaturate by 10%, it is **91, 8.905, 61.310**.

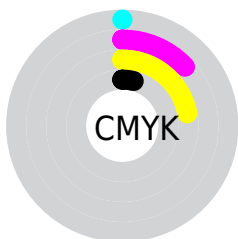
Distribution



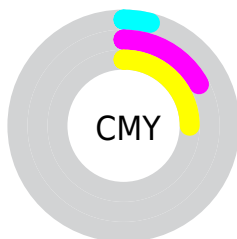
- Red (96%)
- Green (83%)
- Blue (75%)



- Red (96%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 16.831, 60.358 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, 16.831, 60.358 by changing the saturation by 10% instead.

 87, 16.831, 60.358

 87, 16.831, 60.358

 100, 16.831,
60.358

 77, 16.831, 60.358

 67, 16.831, 60.358

 57, 16.831, 60.358

 47, 16.831, 60.358

 37, 16.831, 60.358

 27, 16.831, 60.358

 17, 16.831, 60.358

 7, 16.831, 60.358

 0, 16.831, 60.358

87, 16.831, 60.358

87, 16.831, 60.358

83, 25.293, 59.443

91, 8.905, 61.310

79, 34.320, 58.559

96, 1.472, 62.001

75, 43.904, 57.724

99, 3.581, 199.363

71, 53.959, 56.924

68, 64.242, 56.098

65, 74.187, 55.079

62, 82.677, 53.509

59, 87.770, 51.742

Harmonies

Complementary

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



87, 16.831, 60.358



87, 15.213, 245.340

Rectangle

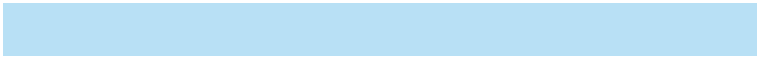
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 16.831, 60.358



87, 16.831, 110.358



87, 16.831, 240.358



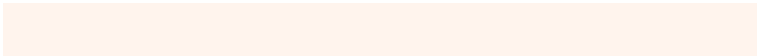
87, 16.831, 290.358

Sweetspot

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



87, 16.831, 60.368



97, 5.256, 61.763



83, 26.191, 339.585



51, 3.422, 61.712



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, 16.831, 60.368



89, 20.786, 59.995



94, 24.479, 102.595



49, 4.162, 61.547



46, 71.089, 52.400



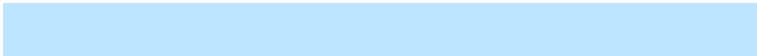
13, 25.124, 50.440

Inverse Universe

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



87, 15.213, 245.340



89, 18.404, 245.976



80, 25.427, 287.758



49, 4.001, 243.672



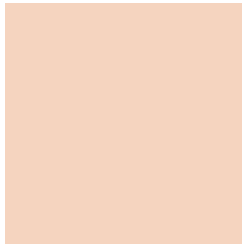
46, 45.514, 270.828



13, 18.331, 262.821

Previews

White Background



This preview shows how the CIELCh color 87, 16.831, 60.358 looks on a white background.

Color Contrast Check

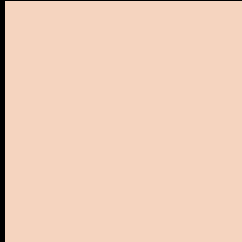
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 16.831, 60.358 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

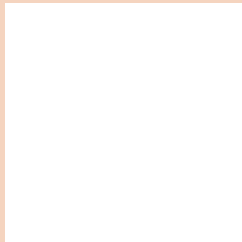
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 16.831, 60.358

Background



This preview shows how black text looks on a background with the CIELCh color 87, 16.831, 60.358.

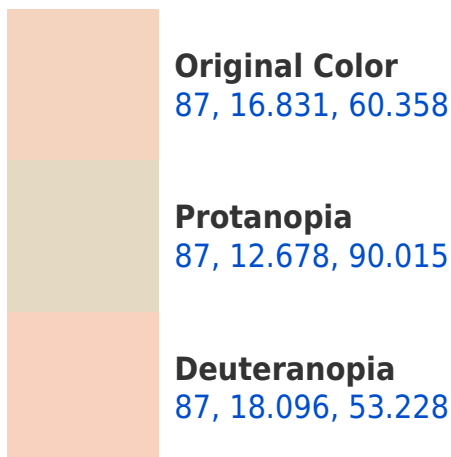


This preview shows how white text looks on a background with the CIELCh color 87, 16.831, 60.358.

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, 17.431, 352.212

Trichromacy



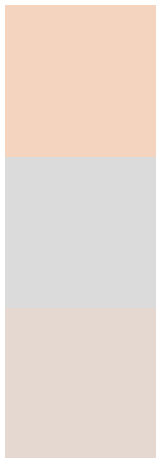
Original Color
87, 16.831, 60.358

Protanomaly
87, 13.569, 77.024

Deuteranomaly
87, 17.427, 56.660

Tritanomaly
87, 14.166, 16.240

Monochromacy



Original Color
87, 16.831, 60.358

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.715, 59.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 16.831, 60.358 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, 212, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 191)  
}
```

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, 212, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 16.831, 60.358 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, 212, 191) }
```

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

```
.border{ border-color:rgb(245, 212, 191) }
```

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

Here you see how a box with a 4 pixel rgb(245, 212, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 16.831, 60.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 191) }
```

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

```
.background{ background-color: rgb(245,  
212, 191) }
```

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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