

Converting Colors

CIELCh(87, 16.137, 70.246)

Have a look what the booklet for
CIELCh(87, 16.137, 70.246) contains.

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Color

CIELCh(87, 16.314, 69.608)

Conversions

Conversions Part 1

Format	Color
Hex	F0D5BD
RGB	240, 213, 189
RGB Percent	94%, 84%, 74%
CMY	0.0576, 0.1635, 0.2577
CMYK	0.00, 0.11, 0.21, 0.06
HSL	28°, 63%, 84%
HSV	28°, 21%, 94%
XYZ	69.1277, 70.0064, 58.1811
YIQ	218.3370, 23.7960, -1.7400

Conversions

Conversions Part 2

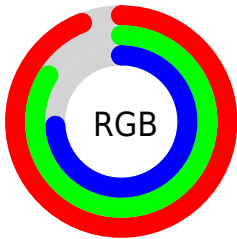
Format	Color
RYB	240, 234, 189
Decimal	15783357
CIELab	87.00, 5.68, 15.29
CIELCh	87, 16.314, 69.608
Yxy	70.0064, 0.3503, 0.3548
Android (android.graphics.Color)	4293973437 (0xFFFF0D5BD)
YUV	218.3370, -14.4631, 18.9985
Hunter-Lab	83.6698, 1.0539, 17.3406

Details

The CIELCh color **87, 16.314, 69.608** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 15.251, 255.216**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **67, 16.250, 67.753** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.646, 68.423**, and if you desaturate by 10%, it is **91, 8.406, 70.792**.

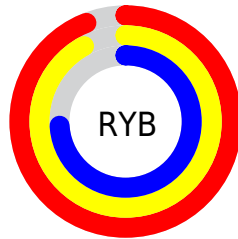
Distribution



Red (94%)

Green (84%)

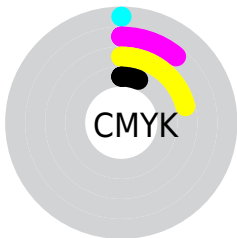
Blue (74%)



Red (94%)

Yellow (92%)

Blue (74%)

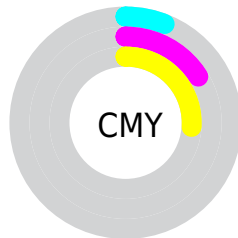


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 16.314, 69.608 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, 16.314, 69.608 by changing the saturation by 10% instead.

 87, 16.314, 69.608

 87, 16.314, 69.608

 100, 16.314,
69.608

 77, 16.314, 69.608

 67, 16.314, 69.608

 57, 16.314, 69.608

 47, 16.314, 69.608

 37, 16.314, 69.608

 27, 16.314, 69.608

 17, 16.314, 69.608

 7, 16.314, 69.608

 0, 16.314, 69.608

87, 16.314, 69.608

87, 16.314, 69.608

83, 24.646, 68.423

91, 8.406, 70.792

80, 33.414, 67.225

94, 0.890, 71.528

76, 42.593, 66.026

98, 4.215, 224.672

73, 52.079, 64.808

99, 5.057, 199.216

70, 61.612, 63.508

67, 70.638, 61.983

64, 78.149, 59.935

62, 82.892, 57.562

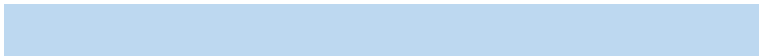
Harmonies

Complementary

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



87, 16.314, 69.608



85, 15.251, 255.216

Rectangle

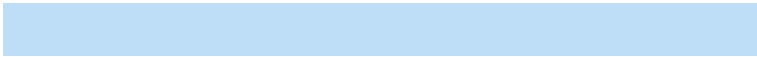
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 16.314, 69.608



87, 16.314, 119.608



87, 16.314, 249.608



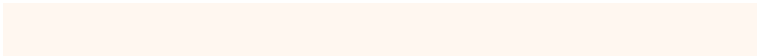
87, 16.314, 299.608

Sweetspot

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



87, 16.314, 69.618



98, 4.648, 71.365



82, 23.485, 343.712



52, 3.089, 71.297



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, 16.314, 69.618



90, 20.367, 69.159



93, 25.197, 106.692



48, 4.225, 70.992



48, 67.456, 58.259



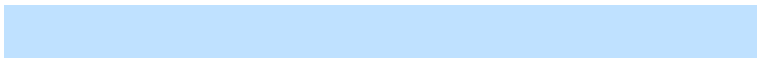
13, 23.448, 58.142

Inverse Universe

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



85, 15.251, 255.216



88, 18.778, 255.892



79, 26.391, 291.315



48, 4.114, 253.445



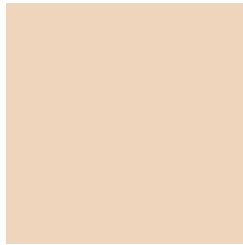
41, 53.157, 281.012



11, 20.306, 273.047

Previews

White Background



This preview shows how the CIELCh color 87, 16.314, 69.608 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, 16.314, 69.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

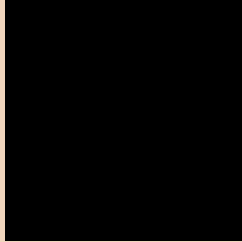
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

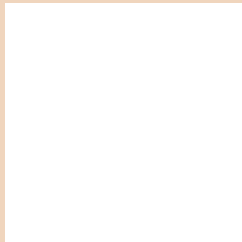
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 16.314, 69.608

Background



This preview shows how black text looks on a background with the CIELCh color 87, 16.314, 69.608.



This preview shows how white text looks on a background with the CIELCh color 87, 16.314, 69.608.

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, 16.314, 69.608

Protanopia
87, 14.170, 91.878

Deuteranopia
87, 18.414, 54.502



Tritanopia
87, 15.830, 348.824

Trichromacy



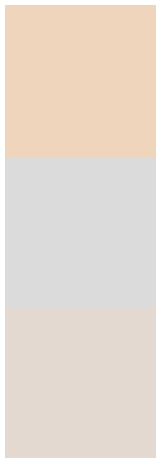
Original Color
87, 16.314, 69.608

Protanomaly
87, 14.868, 84.780

Deuteranomaly
87, 17.458, 58.701

Tritanomaly
87, 12.253, 17.850

Monochromacy



Original Color
87, 16.314, 69.608

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.948, 71.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 16.314, 69.608 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, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(240, 213, 189)  
}
```

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, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 213, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 16.314, 69.608 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, 213, 189) }
```

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

```
.border{ border-color:rgb(240, 213, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 213, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 213, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 213, 189);  
box-shadow:4px 4px 4px 4px rgb(240, 213,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 16.314, 69.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 213, 189) }
```

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

```
.background{ background-color: rgb(240,  
213, 189) }
```

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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