

Converting Colors

CIELCh(87, 16.233, 72.805)

Have a look what the booklet for
CIELCh(87, 16.233, 72.805) contains.

CIELCh(87, 16.233, 72.805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(87, 16.233, 72.805)

Conversions

Conversions Part 1

Format	Color
Hex	EFD6BD
RGB	239, 214, 189
RGB Percent	94%, 84%, 74%
CMY	0.0634, 0.1614, 0.2594
CMYK	0.00, 0.10, 0.21, 0.06
HSL	30°, 61%, 84%
HSV	30°, 21%, 94%
XYZ	68.7201, 70.0064, 57.9493
YIQ	218.6250, 22.9250, -2.4750

Conversions

Conversions Part 2

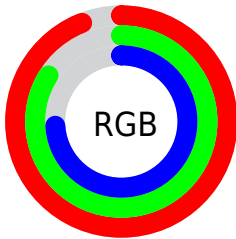
Format	Color
R _Y B	239, 239, 189
Decimal	15718077
CIE Lab	87.00, 4.80, 15.51
CIE LCh	87, 16.233, 72.805
Yxy	70.0064, 0.3494, 0.3559
Android (android.graphics.Color)	4293908157 (0xFFEFD6BD)
YUV	218.6250, -14.6051, 17.8689
Hunter-Lab	83.6698, 0.1842, 17.5049

Details

The CIELCh color **87, 16.233, 72.805** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 15.352, 258.494**, 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, 16.123, 71.140** is the 20% darker color. If you saturate the color by 10%, you get **84, 24.571, 71.558**, and if you desaturate by 10%, it is **91, 8.279, 74.041**.

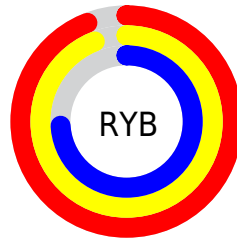
Distribution



Red (94%)

Green (84%)

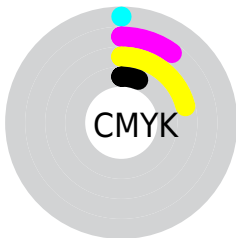
Blue (74%)



Red (94%)

Yellow (94%)

Blue (74%)

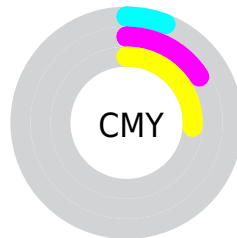


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 16.233, 72.805 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, 16.233, 72.805 by changing the saturation by 10% instead.

 87, 16.233, 72.805

 87, 16.233, 72.805

 100, 16.233,
72.805

 77, 16.233, 72.805

 67, 16.233, 72.805

 57, 16.233, 72.805

 47, 16.233, 72.805

 37, 16.233, 72.805

 27, 16.233, 72.805

 17, 16.233, 72.805

 7, 16.233, 72.805

 0, 16.233, 72.805

87, 16.233, 72.805

87, 16.233, 72.805

84, 24.571, 71.558

91, 8.279, 74.041

80, 33.296, 70.286

94, 0.682, 74.703

77, 42.376, 68.999

98, 4.573, 235.928

74, 51.697, 67.678

99, 5.555, 199.173

71, 60.991, 66.264

68, 69.702, 64.620

65, 76.852, 62.473

63, 81.393, 59.938

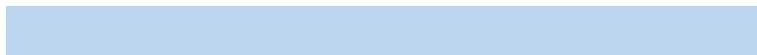
Harmonies

Complementary

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



87, 16.233, 72.805



85, 15.352, 258.494

Rectangle

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



87, 16.233, 72.805



87, 16.233, 122.805



87, 16.233, 252.805



87, 16.233, 302.805

Sweetspot

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



87, 16.233, 72.815



98, 4.735, 74.605



82, 22.549, 345.501



52, 3.146, 74.533



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, 16.233, 72.815



91, 20.651, 72.295



93, 25.531, 108.141



48, 4.301, 74.213



49, 66.594, 60.620



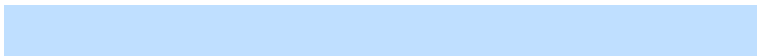
14, 23.415, 61.223

Inverse Universe

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



85, 15.352, 258.494



88, 19.286, 259.235



78, 26.811, 292.579



48, 4.206, 256.732



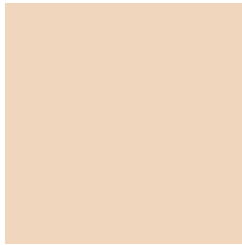
40, 56.417, 284.059



10, 21.382, 276.348

Previews

White Background



This preview shows how the CIELCh color 87, 16.233, 72.805 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, 16.233, 72.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

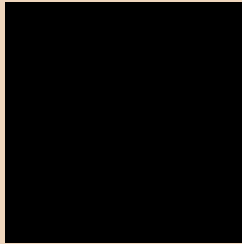
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 16.233, 72.805

Background



This preview shows how black text looks on a background with the CIELCh color 87, 16.233, 72.805.



This preview shows how white text looks on a background with the CIELCh color 87, 16.233, 72.805.

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, 16.233, 72.805

Protanopia

87, 14.170, 91.878

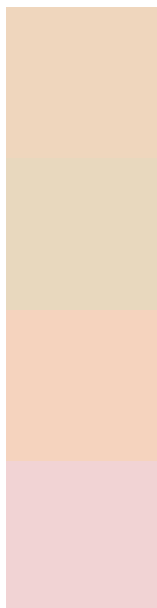
Deuteranopia

87, 18.414, 54.502



Tritanopia
87, 14.898, 346.475

Trichromacy



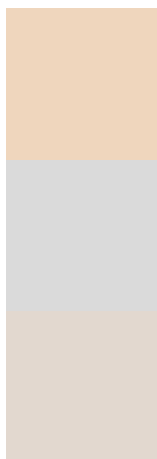
Original Color
87, 16.233, 72.805

Protanomaly
87, 14.868, 84.780

Deuteranomaly
87, 17.152, 59.510

Tritanomaly
87, 11.109, 17.504

Monochromacy



Original Color
87, 16.233, 72.805

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.953, 71.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 16.233, 72.805 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(239, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 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(239, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 16.233, 72.805 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(239, 214, 189) }
```

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

```
.border{ border-color:rgb(239, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 16.233, 72.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 189) }
```

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

```
.background{ background-color: rgb(239,  
214, 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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