

Converting Colors

CIELCh(87, 15.642, 69.818)

Have a look what the booklet for
CIELCh(87, 15.642, 69.818) contains.

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Color

CIELCh(87, 15.805, 71.772)

Conversions

Conversions Part 1

Format	Color
Hex	EFD6BE
RGB	239, 214, 190
RGB Percent	94%, 84%, 75%
CMY	0.0636, 0.1616, 0.2557
CMYK	0.00, 0.10, 0.21, 0.06
HSL	29°, 60%, 84%
HSV	29°, 21%, 94%
XYZ	68.7867, 70.0064, 58.4825
YIQ	218.7390, 22.6040, -2.1640

Conversions

Conversions Part 2

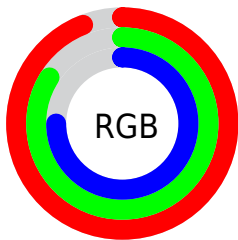
Format	Color
RYB	239, 237, 190
Decimal	15718078
CIELab	87.00, 4.94, 15.01
CIELCh	87, 15.805, 71.772
Yxy	70.0064, 0.3487, 0.3549
Android (android.graphics.Color)	4293908158 (0xFFEFD6BE)
YUV	218.7390, -14.1683, 17.7689
Hunter-Lab	83.6698, 0.3263, 17.1271

Details

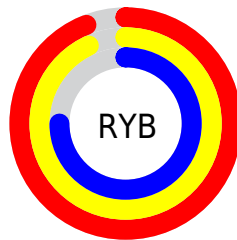
The CIELCh color **87, 15.805, 71.772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 14.913, 257.289**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **67, 15.677, 70.021** is the 20% darker color. If you saturate the color by 10%, you get **84, 24.101, 70.546**, and if you desaturate by 10%, it is **91, 7.905, 72.989**.

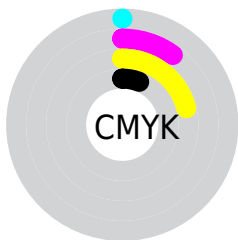
Distribution



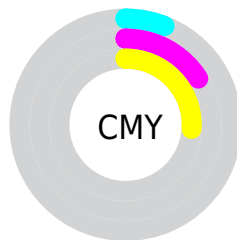
- Red (94%)
- Green (84%)
- Blue (75%)



- Red (94%)
- Yellow (93%)
- Blue (75%)



- 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, 15.805, 71.772 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, 15.805, 71.772 by changing the saturation by 10% instead.

87, 15.805, 71.772

87, 15.805, 71.772

100, 15.805,
71.772

77, 15.805, 71.772

67, 15.805, 71.772

57, 15.805, 71.772

47, 15.805, 71.772

37, 15.805, 71.772

27, 15.805, 71.772

17, 15.805, 71.772

7, 15.805, 71.772

0, 15.805, 71.772

87, 15.805, 71.772

87, 15.805, 71.772

84, 24.101, 70.546

91, 7.905, 72.989

80, 32.801, 69.297

94, 0.371, 73.101

77, 41.877, 68.039

98, 4.595, 230.608

74, 51.225, 66.754

99, 5.576, 199.171

71, 60.592, 65.384

68, 69.444, 63.795

65, 76.816, 61.714

63, 81.745, 59.105

Harmonies

Complementary

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



87, 15.805, 71.772



85, 14.913, 257.289

Rectangle

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



87, 15.805, 71.772



87, 15.805, 121.772



87, 15.805, 251.772



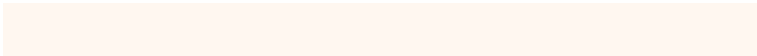
87, 15.805, 301.772

Sweetspot

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



87, 15.805, 71.782



98, 4.703, 73.496



82, 22.326, 344.541



52, 3.125, 73.426



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, 15.805, 71.782



91, 20.545, 71.219



93, 24.627, 107.485



48, 4.273, 73.110



49, 66.879, 59.788



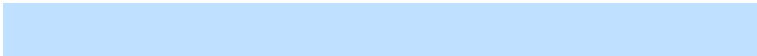
14, 23.418, 60.151

Inverse Universe

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



85, 14.913, 257.289



88, 19.103, 258.096



79, 25.793, 291.880



48, 4.173, 255.610



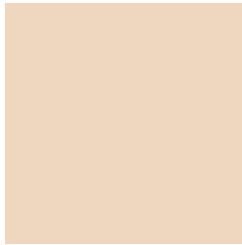
40, 55.272, 283.038



10, 21.002, 275.236

Previews

White Background



This preview shows how the CIELCh color 87, 15.805, 71.772 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, 15.805, 71.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

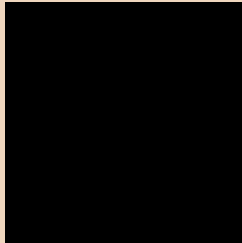
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

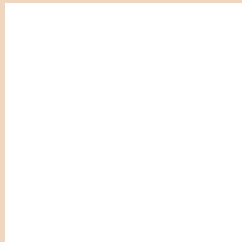
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 15.805, 71.772

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.805, 71.772.



This preview shows how white text looks on a background with the CIELCh color 87, 15.805, 71.772.

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, 15.805, 71.772

Protanopia

87, 13.671, 91.306

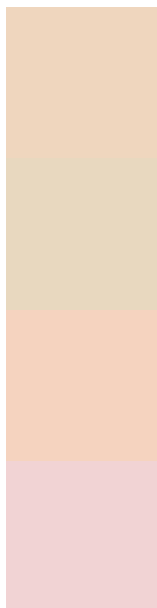
Deuteranopia

87, 18.096, 53.228



Tritanopia
87, 14.898, 346.475

Trichromacy



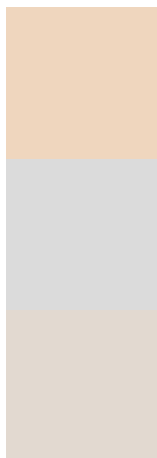
Original Color
87, 15.805, 71.772

Protanomaly
87, 14.389, 84.007

Deuteranomaly
87, 16.800, 58.233

Tritanomaly
87, 11.109, 17.504

Monochromacy



Original Color
87, 15.805, 71.772

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.726, 74.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.805, 71.772 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.805, 71.772 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, 190) }
```

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

```
.border{ border-color:rgb(239, 214, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 190);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.805, 71.772 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, 190) }
```

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

```
.background{ background-color: rgb(239,  
214, 190) }
```

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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