

Converting Colors

CIELCh(86, 15.833, 70.758)

Have a look what the booklet for
CIELCh(86, 15.833, 70.758) contains.

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Color

CIELCh(86, 15.852, 71.742)

Conversions

Conversions Part 1

Format	Color
Hex	ECD3BB
RGB	236, 211, 187
RGB Percent	93%, 83%, 73%
CMY	0.0746, 0.1726, 0.2668
CMYK	0.00, 0.11, 0.21, 0.07
HSL	29°, 56%, 83%
HSV	29°, 21%, 93%
XYZ	66.8344, 67.9871, 56.5971
YIQ	215.7390, 22.6040, -2.1640

Conversions

Conversions Part 2

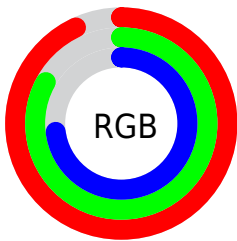
Format	Color
R _Y B	236, 234, 187
Decimal	15520699
CIE Lab	86.00, 4.97, 15.05
CIE LCh	86, 15.852, 71.742
Yxy	67.9871, 0.3492, 0.3552
Android (android.graphics.Color)	4293710779 (0xFFECD3BB)
YUV	215.7390, -14.1683, 17.7689
Hunter-Lab	82.4543, 0.3904, 17.0210

Details

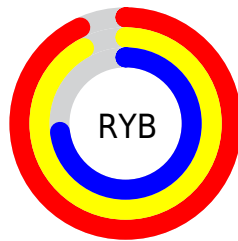
The CIELCh color $86, 15.852, 71.742$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84, 14.946, 257.327$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 6.073, 109.711$, and $66, 15.907, 72.282$ is the 20% darker color. If you saturate the color by 10%, you get $83, 24.078, 70.516$, and if you desaturate by 10%, it is $90, 8.018, 72.960$.

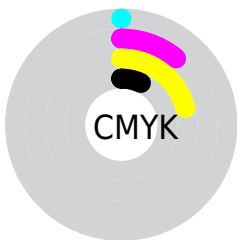
Distribution



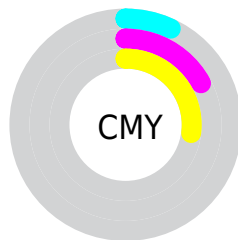
- Red (93%)
- Green (83%)
- Blue (73%)



- Red (93%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 15.852, 71.742 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 86, 15.852, 71.742 by changing the saturation by 10% instead.

86, 15.852, 71.742

86, 15.852, 71.742

100, 15.852,
71.742

76, 15.852, 71.742

66, 15.852, 71.742

56, 15.852, 71.742

46, 15.852, 71.742

36, 15.852, 71.742

26, 15.852, 71.742

16, 15.852, 71.742

6, 15.852, 71.742

0, 15.852, 71.742

86, 15.852, 71.742

86, 15.852, 71.742

83, 24.078, 70.516

90, 8.018, 72.960

79, 32.703, 69.269

93, 0.549, 73.451

76, 41.700, 68.011

97, 5.510, 246.750

73, 50.962, 66.725

99, 6.525, 199.094

70, 60.236, 65.353

67, 68.985, 63.759

64, 76.247, 61.667

62, 81.005, 59.131

Harmonies

Complementary

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



86, 15.852, 71.742



84, 14.946, 257.327

Rectangle

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



86, 15.852, 71.742



86, 15.852, 121.742



86, 15.852, 251.742



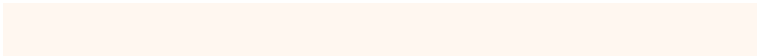
86, 15.852, 301.742

Sweetspot

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



86, 15.852, 71.752



98, 4.703, 73.495



81, 22.384, 344.564



52, 3.125, 73.425



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 15.852, 71.752



91, 20.545, 71.218



92, 24.684, 107.462



47, 4.198, 73.111



48, 66.174, 59.828



13, 22.180, 59.850

Inverse Universe

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



84, 14.946, 257.327



88, 19.103, 258.095



78, 25.867, 291.912



47, 4.100, 255.605



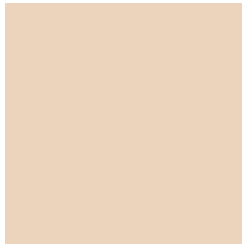
40, 54.645, 282.987



9, 20.223, 274.720

Previews

White Background



This preview shows how the CIELCh color 86, 15.852, 71.742 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 86, 15.852, 71.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

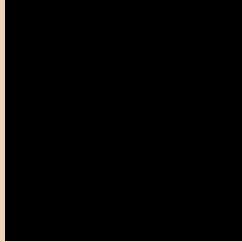
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 15.852, 71.742

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.852, 71.742.

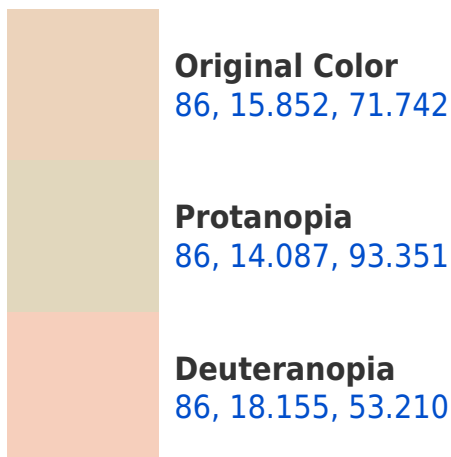


This preview shows how white text looks on a background with the CIELCh color 86, 15.852, 71.742.

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
86, 14.936, 346.491

Trichromacy



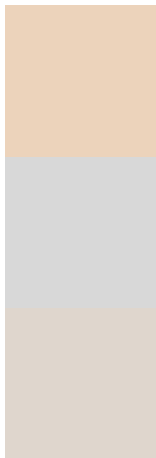
Original Color
86, 15.852, 71.742

Protanomaly
86, 14.739, 86.126

Deuteranomaly
86, 16.854, 58.211

Tritanomaly
86, 11.520, 17.637

Monochromacy



Original Color
86, 15.852, 71.742

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.742, 74.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.852, 71.742 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(236, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 187)  
}
```

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(236, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.852, 71.742 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(236, 211, 187) }
```

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

```
.border{ border-color:rgb(236, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.852, 71.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 187) }
```

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

```
.background{ background-color: rgb(236,  
211, 187) }
```

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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