

Converting Colors

CIELCh(86, 11.865, 71.628)

Have a look what the booklet for
CIELCh(86, 11.865, 71.628) contains.

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Color

CIELCh(86, 11.856, 71.966)

Conversions

Conversions Part 1

Format	Color
Hex	E7D4C2
RGB	231, 212, 194
RGB Percent	91%, 83%, 76%
CMY	0.0940, 0.1685, 0.2391
CMYK	0.00, 0.08, 0.16, 0.09
HSL	29°, 44%, 83%
HSV	29°, 16%, 91%
XYZ	66.2517, 67.9871, 60.6832
YIQ	215.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

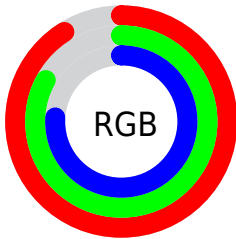
Format	Color
R _Y B	231, 229, 194
Decimal	15193282
CIE Lab	86.00, 3.67, 11.27
CIE LCh	86, 11.856, 71.966
Yxy	67.9871, 0.3399, 0.3488
Android (android.graphics.Color)	4293383362 (0xFFE7D4C2)
YUV	215.6290, -10.6631, 13.4804
Hunter-Lab	82.4543, -0.8711, 14.0828

Details

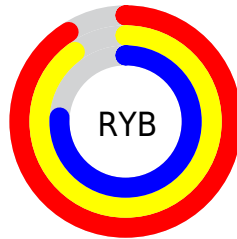
The CIELCh color **86, 11.856, 71.966** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 11.337, 256.184**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **66, 11.915, 71.444** is the 20% darker color. If you saturate the color by 10%, you get **83, 19.747, 70.760**, and if you desaturate by 10%, it is **90, 4.343, 73.136**.

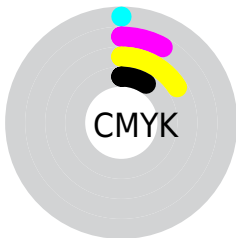
Distribution



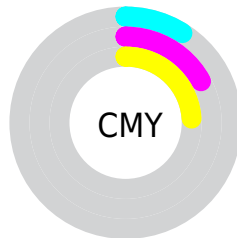
- Red (91%)
- Green (83%)
- Blue (76%)



- Red (91%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 11.856, 71.966 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, 11.856, 71.966 by changing the saturation by 10% instead.

86, 11.856, 71.966

86, 11.856, 71.966

100, 11.856,
71.966

76, 11.856, 71.966

66, 11.856, 71.966

56, 11.856, 71.966

46, 11.856, 71.966

36, 11.856, 71.966

26, 11.856, 71.966

16, 11.856, 71.966

6, 11.856, 71.966

0, 11.856, 71.966

86, 11.856, 71.966

86, 11.856, 71.966

83, 19.747, 70.760

90, 4.343, 73.136

79, 28.033, 69.526

93, 2.825, 254.579

76, 36.710, 68.285

96, 6.740, 233.412

73, 45.717, 67.028

98, 8.181, 198.969

70, 54.889, 65.723

67, 63.854, 64.276

64, 71.884, 62.486

61, 77.854, 59.999

60, 79.817, 58.916

Harmonies

Complementary

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



86, 11.856, 71.966



84, 11.337, 256.184

Rectangle

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



86, 11.856, 71.966



86, 11.856, 121.966



86, 11.856, 251.966



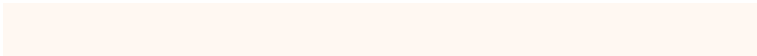
86, 11.856, 301.966

Sweetspot

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



86, 11.856, 71.979



98, 3.900, 73.236



82, 16.900, 344.105



52, 2.666, 73.165



0, 0.000, 0.000



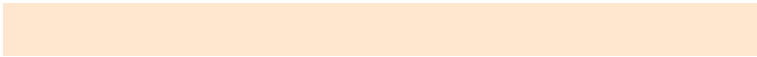
53, 0.007, 296.813

Same Dimension

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



86, 11.856, 71.979



93, 15.356, 71.606



91, 18.744, 107.934



46, 4.115, 72.755



47, 65.559, 59.605



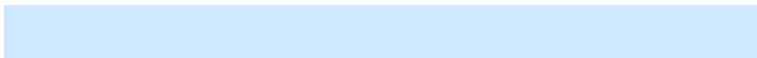
12, 20.926, 59.142

Inverse Universe

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



84, 11.337, 256.184



91, 14.540, 256.676



80, 19.422, 291.287



46, 4.016, 255.237



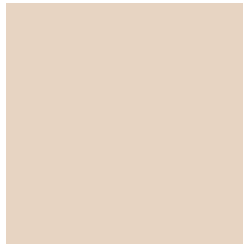
39, 53.661, 282.598



9, 19.330, 273.789

Previews

White Background



This preview shows how the CIELCh color 86, 11.856, 71.966 looks on a white background.

Color Contrast Check

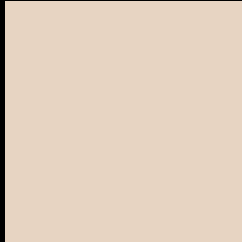
Large Text (above 18pt) WCAG AA × Fail

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, 11.856, 71.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

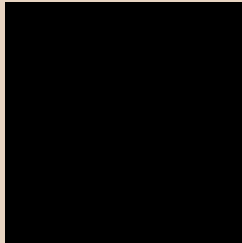
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

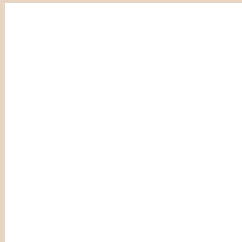
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 11.856, 71.966

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.856, 71.966.

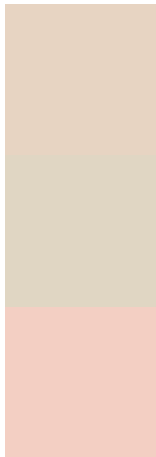


This preview shows how white text looks on a background with the CIELCh color 86, 11.856, 71.966.

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


86, 11.856, 71.966

Protanopia

86, 10.607, 88.542

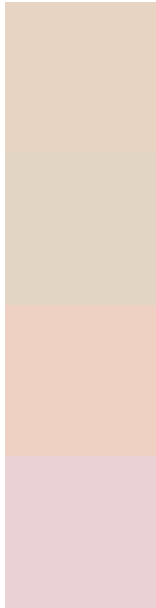
Deuteranopia

86, 15.145, 44.612



Tritanopia
86, 12.888, 339.835

Trichromacy



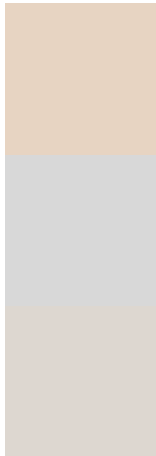
Original Color
86, 11.856, 71.966

Protanomaly
86, 10.784, 80.042

Deuteranomaly
86, 13.597, 52.466

Tritanomaly
86, 9.427, 7.273

Monochromacy



Original Color
86, 11.856, 71.966

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.250, 78.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.856, 71.966 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(231, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 194)  
}
```

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(231, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.856, 71.966 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(231, 212, 194) }
```

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

```
.border{ border-color:rgb(231, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.856, 71.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 194) }
```

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

```
.background{ background-color: rgb(231,  
212, 194) }
```

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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