

Converting Colors

CIELCh(86, 17.138, 95.794)

Have a look what the booklet for
CIELCh(86, 17.138, 95.794) contains.

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Color

CIELCh(86, 17.126, 95.788)

Conversions

Conversions Part 1

Format	Color
Hex	E1D7B7
RGB	225, 215, 183
RGB Percent	88%, 84%, 72%
CMY	0.1179, 0.1571, 0.2826
CMYK	0.00, 0.04, 0.19, 0.12
HSL	46°, 41%, 80%
HSV	46°, 19%, 88%
XYZ	63.8611, 67.9871, 54.5272
YIQ	214.3420, 16.2320, -7.8320

Conversions

Conversions Part 2

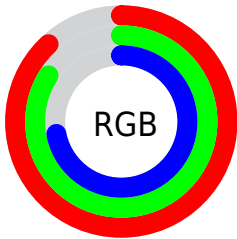
Format	Color
R _Y B	196, 225, 183
Decimal	14800823
CIE Lab	86.00, -1.73, 17.04
CIE LCh	86, 17.126, 95.788
Yxy	67.9871, 0.3426, 0.3648
Android (android.graphics.Color)	4292990903 (0xFFE1D7B7)
YUV	214.3420, -15.4516, 9.3471
Hunter-Lab	82.4543, -6.0461, 18.5094

Details

The CIELCh color **86, 17.126, 95.788** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 17.379, 280.515**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **66, 16.929, 95.791** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.418, 94.557**, and if you desaturate by 10%, it is **88, 7.905, 96.989**.

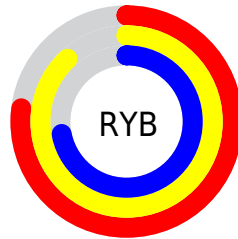
Distribution



Red (88%)

Green (84%)

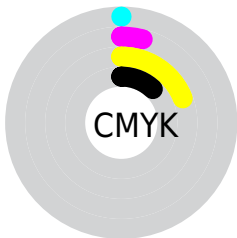
Blue (72%)



Red (77%)

Yellow (88%)

Blue (72%)

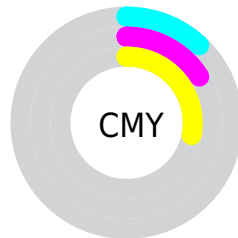


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 17.126, 95.788 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, 17.126, 95.788 by changing the saturation by 10% instead.

86, 17.126, 95.788

86, 17.126, 95.788

100, 17.126,
95.788

76, 17.126, 95.788

66, 17.126, 95.788

56, 17.126, 95.788

46, 17.126, 95.788

36, 17.126, 95.788

26, 17.126, 95.788

16, 17.126, 95.788

6, 17.126, 95.788

0, 17.126, 95.788

86, 17.126, 95.788

86, 17.126, 95.788

84, 26.418, 94.557

88, 7.905, 96.989

82, 35.715, 93.285

90, 1.218, 278.339

81, 44.902, 91.986

92, 10.227,
279.317

79, 53.768, 90.658

93, 10.283,
268.865

78, 61.954, 89.291

76, 68.887, 87.852

95, 8.784, 250.419

75, 73.806, 86.275

96, 8.446, 227.908

73, 76.225, 84.475

97, 9.378, 206.997

73, 76.478, 84.231

98, 10.191,
198.827

Harmonies

Complementary

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



86, 17.126, 95.788



78, 17.379, 280.515

Rectangle

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



86, 17.126, 95.788



86, 17.126, 145.788



86, 17.126, 275.788



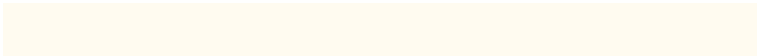
86, 17.126, 325.788

Sweetspot

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



86, 17.127, 95.796



99, 6.044, 97.288



78, 16.762, 1.402



53, 4.011, 97.214



0, 0.000, 0.000



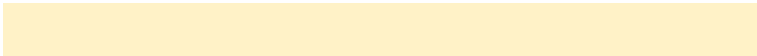
53, 0.007, 296.813

Same Dimension

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



86, 17.127, 95.796



95, 22.383, 95.368



88, 22.122, 118.738



46, 5.170, 96.899



58, 63.738, 84.581



15, 22.362, 87.618

Inverse Universe

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



78, 17.379, 280.515



85, 22.776, 281.061



76, 22.983, 301.209



44, 5.215, 279.212



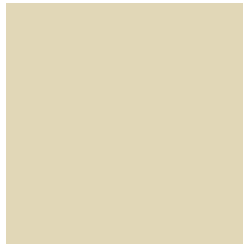
26, 84.497, 300.979



4, 26.471, 290.195

Previews

White Background



This preview shows how the CIELCh color 86, 17.126, 95.788 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, 17.126, 95.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

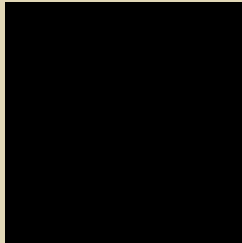
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

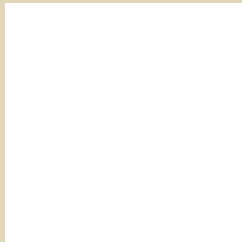
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 17.126, 95.788

Background



This preview shows how black text looks on a background with the CIELCh color 86, 17.126, 95.788.

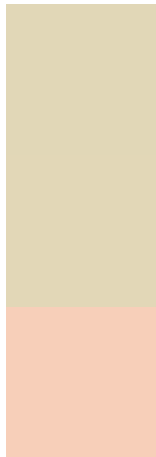


This preview shows how white text looks on a background with the CIELCh color 86, 17.126, 95.788.

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, 17.126, 95.788

Protanopia

86, 17.218, 94.534

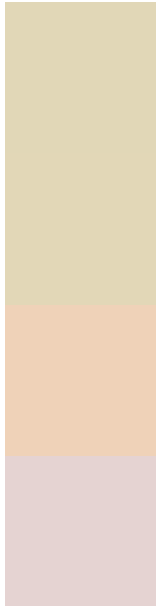
Deuteranopia

86, 19.463, 56.204



Tritanopia
86, 11.572, 333.811

Trichromacy



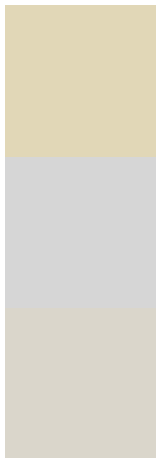
Original Color
86, 17.126, 95.788

Protanomaly
86, 17.218, 94.534

Deuteranomaly
86, 17.706, 69.630

Tritanomaly
86, 6.642, 24.309

Monochromacy



Original Color
86, 17.126, 95.788

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.927, 95.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 17.126, 95.788 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(225, 215, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 215, 183)  
}
```

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(225, 215, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 215, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 17.126, 95.788 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(225, 215, 183) }
```

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

```
.border{ border-color:rgb(225, 215, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 215, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 215, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 215, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 215,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 17.126, 95.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 215, 183) }
```

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

```
.background{ background-color: rgb(225,  
215, 183) }
```

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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