

Converting Colors

CIELCh(86, 14.095, 81.653)

Have a look what the booklet for
CIELCh(86, 14.095, 81.653) contains.

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Color

CIELCh(86, 14.128, 81.746)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5BD
RGB	230, 213, 189
RGB Percent	90%, 84%, 74%
CMY	0.0986, 0.1652, 0.2593
CMYK	0.00, 0.07, 0.18, 0.10
HSL	35°, 45%, 82%
HSV	35°, 18%, 90%
XYZ	65.5182, 67.9871, 57.7368
YIQ	215.3470, 17.8360, -3.8600

Conversions

Conversions Part 2

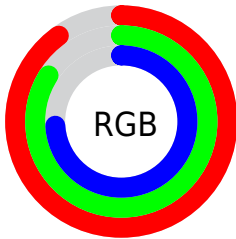
Format	Color
R _Y B	218, 230, 189
Decimal	15127997
CIE Lab	86.00, 2.03, 13.98
CIE LCh	86, 14.128, 81.746
Yxy	67.9871, 0.3426, 0.3555
Android (android.graphics.Color)	4293318077 (0xFFE6D5BD)
YUV	215.3470, -12.9891, 12.8507
Hunter-Lab	82.4543, -2.4590, 16.2015

Details

The CIELCh color **86, 14.128, 81.746** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 13.812, 266.666**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **66, 13.810, 80.664** is the 20% darker color. If you saturate the color by 10%, you get **83, 22.420, 80.425**, and if you desaturate by 10%, it is **89, 6.101, 83.029**.

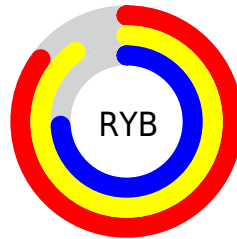
Distribution



Red (90%)

Green (84%)

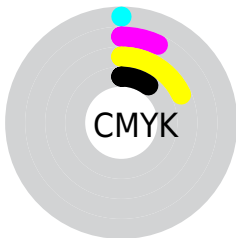
Blue (74%)



Red (85%)

Yellow (90%)

Blue (74%)

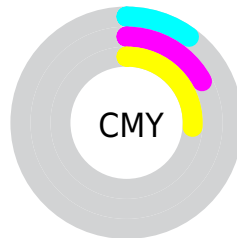


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (10%)



Cyan (10%)

Magenta (17%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 14.128, 81.746 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, 14.128, 81.746 by changing the saturation by 10% instead.

 86, 14.128, 81.746

 86, 14.128, 81.746

 100, 14.128,
81.746

 76, 14.128, 81.746

 66, 14.128, 81.746

 56, 14.128, 81.746

 46, 14.128, 81.746

 36, 14.128, 81.746

 26, 14.128, 81.746

 16, 14.128, 81.746

 6, 14.128, 81.746

 0, 14.128, 81.746

86, 14.128, 81.746

86, 14.128, 81.746

83, 22.420, 80.425

89, 6.101, 83.029

80, 30.964, 79.055

92, 1.672, 264.545

78, 39.716, 77.647

95, 7.932, 260.893

75, 48.555, 76.188

97, 7.441, 215.124

72, 57.233, 74.639

98, 8.568, 198.941

70, 65.265, 72.911

68, 71.837, 70.823

65, 76.056, 68.129

65, 76.841, 67.528

Harmonies

Complementary

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



86, 14.128, 81.746



82, 13.812, 266.666

Rectangle

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



86, 14.128, 81.746



86, 14.128, 131.746



86, 14.128, 261.746



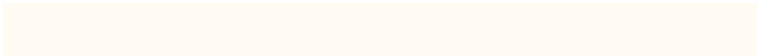
86, 14.128, 311.746

Sweetspot

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



86, 14.129, 81.757



98, 4.214, 83.356



81, 17.647, 350.064



52, 2.879, 83.277



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, 14.129, 81.757



93, 18.198, 81.324



90, 21.166, 111.954



47, 4.430, 82.830



51, 63.509, 68.153



13, 21.243, 70.015

Inverse Universe

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



82, 13.812, 266.666



88, 17.702, 267.221



78, 22.047, 295.157



45, 4.387, 265.390



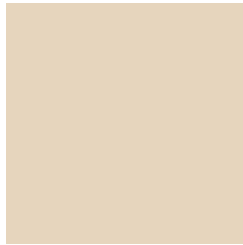
34, 64.965, 291.267



7, 22.808, 283.098

Previews

White Background



This preview shows how the CIELCh color 86, 14.128, 81.746 looks on a white background.

Color Contrast Check

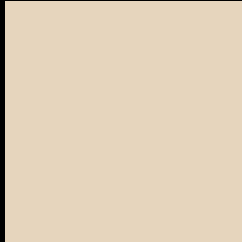
Large Text (above 18pt) WCAG AA × Fail

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, 14.128, 81.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

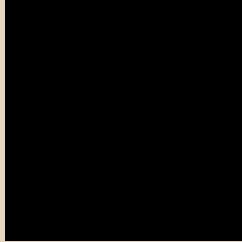
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

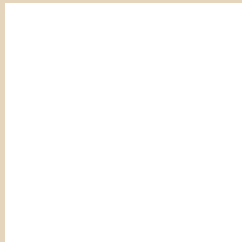
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 14.128, 81.746

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.128, 81.746.

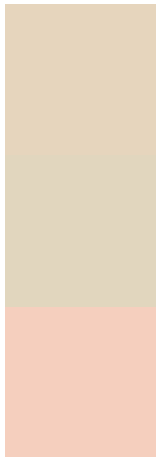


This preview shows how white text looks on a background with the CIELCh color 86, 14.128, 81.746.

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, 14.128, 81.746

Protanopia

86, 13.209, 90.662

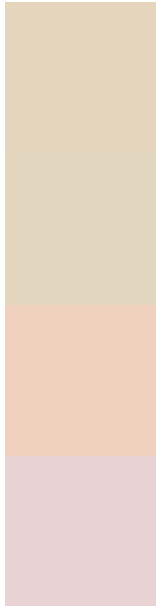
Deuteranopia

86, 17.205, 51.171



Tritanopia
86, 12.616, 338.726

Trichromacy



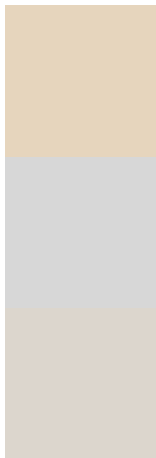
Original Color
86, 14.128, 81.746

Protanomaly
86, 13.472, 87.569

Deuteranomaly
86, 15.262, 60.375

Tritanomaly
86, 8.119, 16.260

Monochromacy



Original Color
86, 14.128, 81.746

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.182, 84.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.128, 81.746 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(230, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 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(230, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.128, 81.746 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(230, 213, 189) }
```

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

```
.border{ border-color:rgb(230, 213, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 213, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 213, 189); box-shadow:4px 4px 4px 4px rgb(230, 213, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.128, 81.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 189) }
```

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

```
.background{ background-color: rgb(230,  
213, 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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