

Converting Colors

CIELCh(86, 15.552, 90.878)

Have a look what the booklet for
CIELCh(86, 15.552, 90.878) contains.

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Color

CIELCh(86, 15.444, 90.123)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6BA
RGB	227, 214, 186
RGB Percent	89%, 84%, 73%
CMY	0.1097, 0.1607, 0.2705
CMYK	0.00, 0.06, 0.18, 0.11
HSL	41°, 42%, 81%
HSV	41°, 18%, 89%
XYZ	64.6051, 67.9871, 56.1863
YIQ	214.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

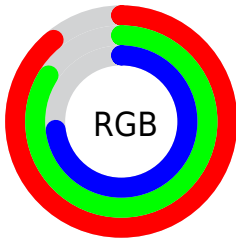
Format	Color
R_{YB}	205, 227, 186
Decimal	14931642
CIE _{Lab}	86.00, -0.03, 15.44
CIE _{LCh}	86, 15.444, 90.123
Yxy	67.9871, 0.3422, 0.3601
Android (android.graphics.Color)	4293121722 (0xFFE3D6BA)
YUV	214.6950, -14.1466, 10.7915
Hunter-Lab	82.4543, -4.4356, 17.3164

Details

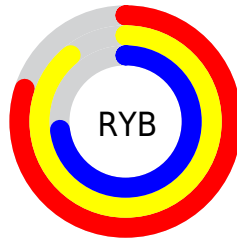
The CIELCh color **86, 15.444, 90.123** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 15.441, 274.941**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **66, 15.164, 89.740** is the 20% darker color. If you saturate the color by 10%, you get **84, 24.222, 88.824**, and if you desaturate by 10%, it is **88, 6.821, 91.383**.

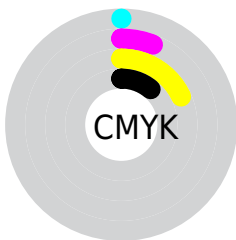
Distribution



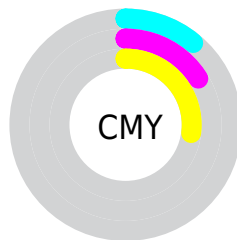
- Red (89%)
- Green (84%)
- Blue (73%)



- Red (80%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 15.444, 90.123 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, 15.444, 90.123 by changing the saturation by 10% instead.

 86, 15.444, 90.123

 86, 15.444, 90.123

 100, 15.444,
90.123

 76, 15.444, 90.123

 66, 15.444, 90.123

 56, 15.444, 90.123

 46, 15.444, 90.123

 36, 15.444, 90.123

 26, 15.444, 90.123

 16, 15.444, 90.123

 6, 15.444, 90.123

 0, 15.444, 90.123

86, 15.444, 90.123

86, 15.444, 90.123

84, 24.222, 88.824

88, 6.821, 91.383

82, 33.114, 87.474

91, 1.639, 272.800

79, 42.036, 86.082

93, 9.933, 273.847

77, 50.821, 84.642

95, 8.150, 249.550

75, 59.160, 83.126

97, 8.160, 217.291

73, 66.514, 81.474

98, 9.505, 198.875

71, 72.089, 79.568

70, 75.182, 77.253

69, 75.665, 76.789

Harmonies

Complementary

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



86, 15.444, 90.123



80, 15.441, 274.941

Rectangle

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



86, 15.444, 90.123



86, 15.444, 140.123



86, 15.444, 270.123



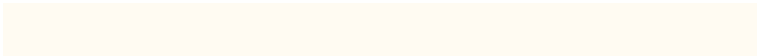
86, 15.444, 320.123

Sweetspot

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



86, 15.445, 90.132



99, 4.632, 91.736



79, 16.919, 355.472



52, 3.163, 91.656



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, 15.445, 90.132



94, 20.757, 89.604



89, 21.351, 115.395



47, 4.857, 91.213



56, 63.245, 77.261



15, 22.318, 80.158

Inverse Universe

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



80, 15.441, 274.941



86, 20.744, 275.610



77, 22.214, 298.176



45, 4.864, 273.672



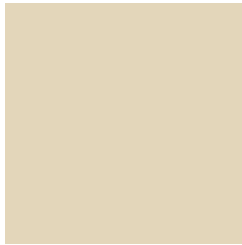
30, 76.583, 297.399



6, 25.966, 288.508

Previews

White Background



This preview shows how the CIELCh color 86, 15.444, 90.123 looks on a white background.

Color Contrast Check

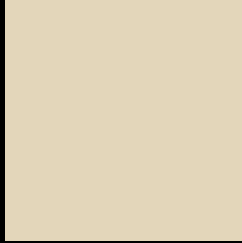
Large Text (above 18pt) WCAG AA × Fail

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, 15.444, 90.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

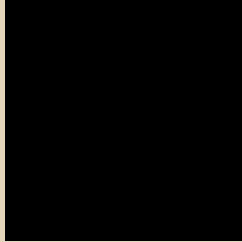
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

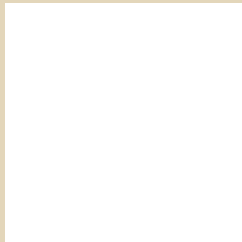
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 15.444, 90.123

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.444, 90.123.

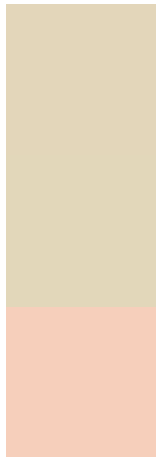


This preview shows how white text looks on a background with the CIELCh color 86, 15.444, 90.123.

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, 15.444, 90.123

Protanopia

86, 15.702, 93.340

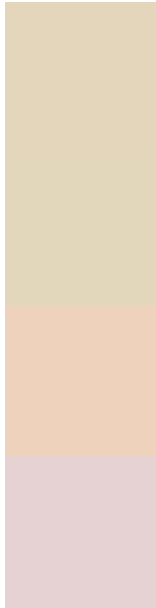
Deuteranopia

86, 18.475, 54.482



Tritanopia
86, 12.452, 334.627

Trichromacy



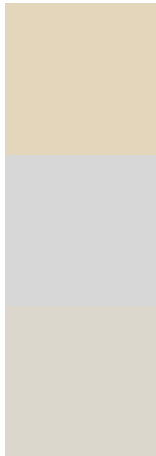
Original Color
86, 15.444, 90.123

Protanomaly
86, 15.702, 93.340

Deuteranomaly
86, 16.482, 66.433

Tritanomaly
86, 7.374, 15.820

Monochromacy



Original Color
86, 15.444, 90.123

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.921, 95.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.444, 90.123 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(227, 214, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 186)  
}
```

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(227, 214, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.444, 90.123 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(227, 214, 186) }
```

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

```
.border{ border-color:rgb(227, 214, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 214, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.444, 90.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 186) }
```

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

```
.background{ background-color: rgb(227,  
214, 186) }
```

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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