

Converting Colors

CIELCh(86, 15.531, 121.090)

Have a look what the booklet for
CIELCh(86, 15.531, 121.090)
contains.

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Color

CIELCh(86, 15.511, 121.447)

Conversions

Conversions Part 1

Format	Color
Hex	D2DBBE
RGB	210, 219, 190
RGB Percent	82%, 86%, 75%
CMY	0.1770, 0.1417, 0.2554
CMYK	0.04, 0.00, 0.13, 0.14
HSL	79°, 29%, 80%
HSV	79°, 13%, 86%
XYZ	61.1168, 67.9871, 58.5418
YIQ	213.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

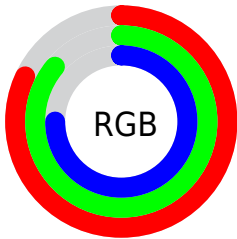
Format	Color
RYB	190, 219, 199
Decimal	13818814
CIELab	86.00, -8.09, 13.23
CIELCh	86, 15.511, 121.447
Yxy	67.9871, 0.3257, 0.3623
Android (android.graphics.Color)	4292008894 (0xFFD2DBBE)
YUV	213.0030, -11.3405, -2.6336
Hunter-Lab	82.4543, -11.9871, 15.6226

Details

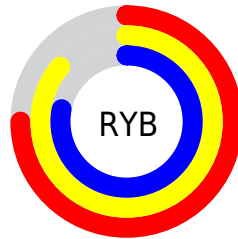
The CIELCh color **86, 15.511, 121.447** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 15.909, 302.986**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **66, 15.294, 122.169** is the 20% darker color. If you saturate the color by 10%, you get **85, 27.160, 120.869**, and if you desaturate by 10%, it is **87, 3.799, 122.029**.

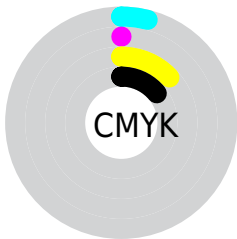
Distribution



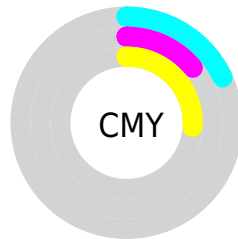
- Red (82%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)





- Cyan (18%)
- Magenta (14%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 15.511, 121.447 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, 15.511, 121.447 by changing the saturation by 10% instead.


 86, 15.511,
121.447


 86, 15.511,
121.447


 100, 15.511,
121.447


 76, 15.511,
121.447

 66, 15.511,
121.447

 56, 15.511,
121.447

 46, 15.511,
121.447

 36, 15.511,
121.447

 26, 15.511,
121.447

 16, 15.511,

121.447

■ 6, 15.511, 121.447

■ 0, 15.511, 121.447

■ 86, 15.511,
121.447

■ 86, 15.511,
121.447

■ 85, 27.160,
120.869

■ 87, 3.799, 122.029

■ 84, 38.639,
120.292

■ 88, 7.913, 302.550

■ 83, 49.802,
119.749

■ 89, 19.303,
303.218

■ 83, 60.426,
119.284

■ 90, 19.907,
309.823

■ 82, 70.187,

■ 90, 20.755,
316.047

118.963

91, 21.827,
321.795

81, 78.634,
118.877

91, 22.621,
325.212

81, 85.240,
119.141

81, 89.588,
119.854

80, 91.466,
120.545

Harmonies

Complementary

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



86, 15.511, 121.447



78, 15.909, 302.986

Rectangle

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



86, 15.511, 121.447



86, 15.511, 171.447



86, 15.511, 301.447



86, 15.511, 351.447

Sweetspot

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



86, 15.513, 121.451



100, 5.296, 121.983



82, 8.958, 50.649



53, 3.765, 121.939



0, 0.000, 0.000



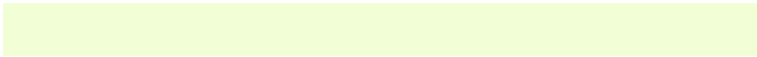
53, 0.007, 296.813

Same Dimension

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



86, 15.513, 121.451



98, 21.197, 121.284



85, 17.504, 138.194



46, 6.658, 121.671



65, 76.760, 120.313



17, 27.683, 120.611

Inverse Universe

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



78, 15.909, 302.986



88, 21.856, 303.178



80, 17.624, 319.386



42, 6.782, 302.741



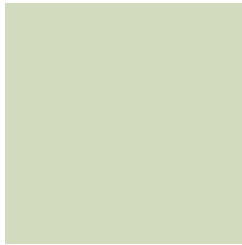
23, 97.021, 308.508



3, 30.221, 302.721

Previews

White Background



This preview shows how the CIELCh color 86, 15.511, 121.447 looks on a white background.

Color Contrast Check

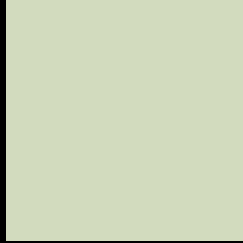
Large Text (above 18pt) WCAG AA × Fail

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, 15.511, 121.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

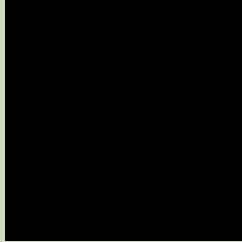
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

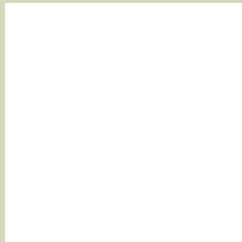
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 15.511, 121.447

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.511, 121.447.

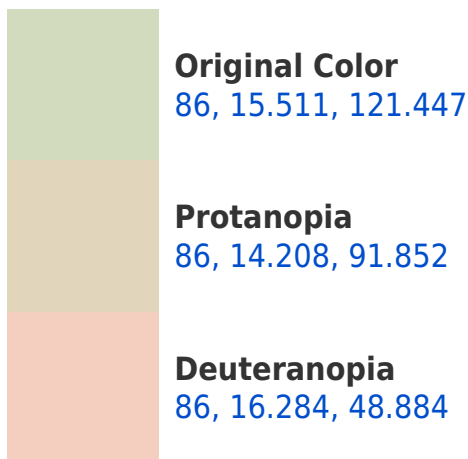


This preview shows how white text looks on a background with the CIELCh color 86, 15.511, 121.447.

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](#).

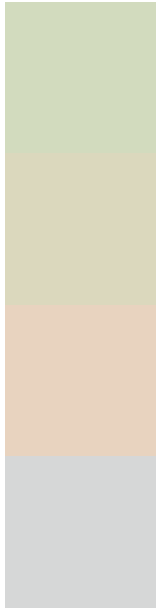
Dichromacy





Tritanopia
86, 9.011, 297.629

Trichromacy



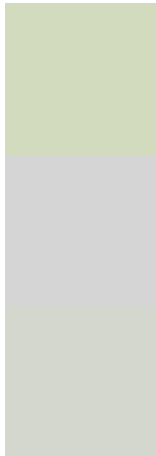
Original Color
86, 15.511, 121.447

Protanomaly
86, 14.129, 104.362

Deuteranomaly
86, 13.191, 71.907

Tritanomaly
86, 0.359, 201.004

Monochromacy



Original Color
86, 15.511, 121.447

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 5.355, 121.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.511, 121.447 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(210, 219, 190)` looks like.

```
.text, #text, p{  
    color:rgb(210, 219, 190)  
}
```

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(210, 219, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 219, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.511, 121.447 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(210, 219, 190) }
```

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

```
.border{ border-color:rgb(210, 219, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 219, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 219, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 219, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 219,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.511, 121.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 219, 190) }
```

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

```
.background{ background-color: rgb(210,  
219, 190) }
```

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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