

Converting Colors

CIELCh(86, 15.995, 145.091)

Have a look what the booklet for
CIELCh(86, 15.995, 145.091)
contains.

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Color

CIELCh(86, 16.239, 144.789)

Conversions

Conversions Part 1

Format	Color
Hex	C4DEC5
RGB	196, 222, 197
RGB Percent	77%, 87%, 77%
CMY	0.2315, 0.1295, 0.2276
CMYK	0.12, 0.00, 0.11, 0.13
HSL	122°, 28%, 82%
HSV	122°, 12%, 87%
XYZ	58.9442, 67.9871, 62.8208
YIQ	211.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

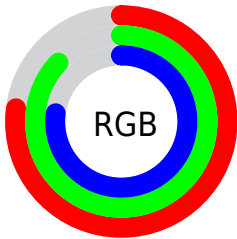
Format	Color
RYB	196, 221, 222
Decimal	12902085
CIELab	86.00, -13.27, 9.36
CIELCh	86, 16.239, 144.789
Yxy	67.9871, 0.3106, 0.3583
Android (android.graphics.Color)	4291092165 (0xFFC4DEC5)
YUV	211.3760, -7.0874, -13.4848
Hunter-Lab	82.4543, -16.6904, 12.5457

Details

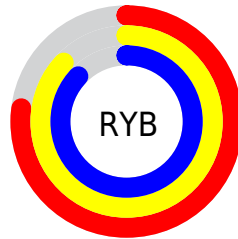
The CIELCh color **86, 16.239, 144.789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 16.264, 326.121**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.860, 164.152**, and **66, 16.473, 144.624** is the 20% darker color. If you saturate the color by 10%, you get **84, 30.214, 144.055**, and if you desaturate by 10%, it is **88, 2.352, 145.511**.

Distribution



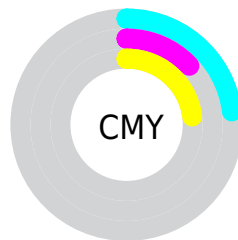
- Red (77%)
- Green (87%)
- Blue (77%)



- Red (77%)
- Yellow (87%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)




- Cyan (23%)
- Magenta (13%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 16.239, 144.789 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, 16.239, 144.789 by changing the saturation by 10% instead.


 86, 16.239,
144.789


 86, 16.239,
144.789


 100, 16.239,
144.789


 76, 16.239,
144.789

 66, 16.239,
144.789

 56, 16.239,
144.789

 46, 16.239,
144.789

 36, 16.239,
144.789

 26, 16.239,
144.789

 16, 16.239,

144.789

■ 6, 16.239, 144.789

■ 0, 16.239, 144.789

■ 86, 16.239,
144.789

■ 86, 16.239,
144.789

■ 84, 30.214,
144.055

■ 88, 2.352, 145.511

■ 82, 44.065,
143.203

■ 90, 11.306,
325.886

■ 81, 57.525,
142.222

■ 92, 20.668,
325.143

■ 80, 70.251,
141.118

■ 79, 81.831,

139.922

■ 78, 91.786,
138.705

■ 78, 99.607,
137.582

■ 78, 104.855,
136.696

■ 77, 107.213,
136.264

Harmonies

Complementary

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



86, 16.239, 144.789



82, 16.264, 326.121

Rectangle

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



86, 16.239, 144.789



86, 16.239, 194.789



86, 16.239, 324.789



86, 16.239, 14.789

Sweetspot

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



86, 16.241, 144.789



99, 6.167, 145.307



88, 13.512, 110.420



53, 4.387, 145.253



0, 0.000, 0.000



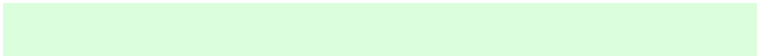
53, 0.007, 296.813

Same Dimension

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



86, 16.241, 144.789



97, 21.749, 144.623



86, 11.326, 164.509



46, 7.931, 144.942



63, 89.951, 136.346



16, 34.580, 140.118

Inverse Universe

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



82, 16.264, 326.121



91, 21.776, 326.259



82, 11.528, 346.472



44, 7.944, 325.990



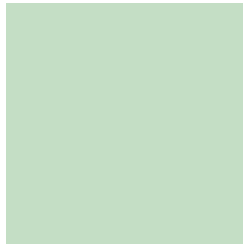
41, 84.901, 329.816



8, 35.015, 329.542

Previews

White Background



This preview shows how the CIELCh color 86, 16.239, 144.789 looks on a white background.

Color Contrast Check

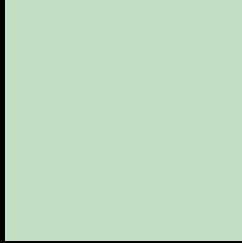
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 16.239, 144.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

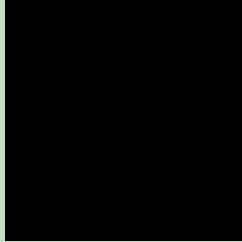
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

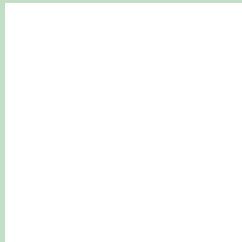
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 16.239, 144.789

Background



This preview shows how black text looks on a background with the CIELCh color 86, 16.239, 144.789.

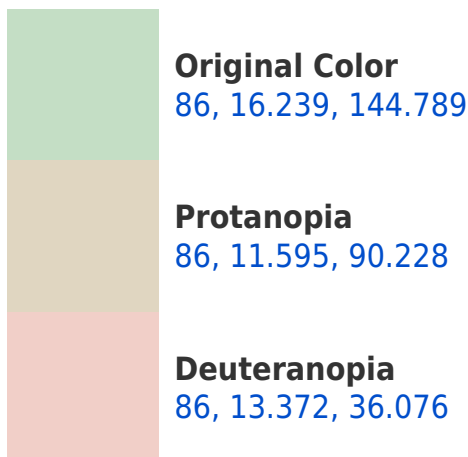


This preview shows how white text looks on a background with the CIELCh color 86, 16.239, 144.789.

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, 10.182, 260.653

Trichromacy



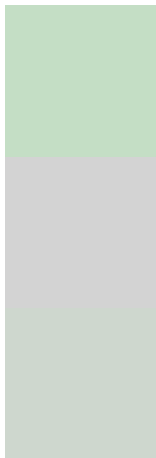
Original Color
86, 16.239, 144.789

Protanomaly
86, 12.064, 114.483

Deuteranomaly
86, 8.349, 73.959

Tritanomaly
86, 6.720, 208.034

Monochromacy



Original Color
86, 16.239, 144.789

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.770, 144.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 16.239, 144.789 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(196, 222, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 222, 197)  
}
```

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(196, 222, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 222, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 16.239, 144.789 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(196, 222, 197) }
```

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

```
.border{ border-color:rgb(196, 222, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 222, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 222, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 222, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 222,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 16.239, 144.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 222, 197) }
```

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

```
.background{ background-color: rgb(196,  
222, 197) }
```

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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