

Converting Colors

CIELCh(86, 32.777, 122.051)

Have a look what the booklet for
CIELCh(86, 32.777, 122.051)
contains.

CIELCh(86, 32.589, 121.964)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 32.589, 121.964)

Conversions

Conversions Part 1

Format	Color
Hex	CADFA2
RGB	202, 223, 162
RGB Percent	79%, 87%, 64%
CMY	0.2076, 0.1252, 0.3645
CMYK	0.09, 0.00, 0.27, 0.13
HSL	81°, 49%, 76%
HSV	81°, 27%, 87%
XYZ	57.3072, 67.9871, 44.3138
YIQ	209.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

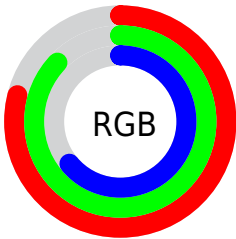
Format	Color
RYB	162, 223, 183
Decimal	13295522
CIELab	86.00, -17.25, 27.65
CIELCh	86, 32.589, 121.964
Yxy	67.9871, 0.3379, 0.4008
Android (android.graphics.Color)	4291485602 (0xFFCADFA2)
YUV	209.7670, -23.5491, -6.8117
Hunter-Lab	82.4543, -20.2343, 25.8535

Details

The CIELCh color **86, 32.589, 121.964** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 34.302, 305.145**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **66, 32.663, 122.309** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.225, 121.423**, and if you desaturate by 10%, it is **87, 20.737, 122.523**.

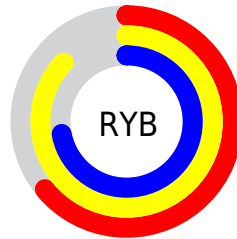
Distribution



Red (79%)

Green (87%)

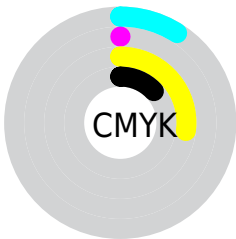
Blue (64%)



Red (64%)

Yellow (87%)

Blue (72%)

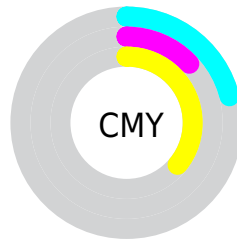


Cyan (9%)

Magenta (0%)

Yellow (27%)

Black (13%)



Cyan (21%)


Magenta (13%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 32.589, 121.964 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, 32.589, 121.964 by changing the saturation by 10% instead.


 86, 32.589,
121.964


 86, 32.589,
121.964


 100, 32.589,
121.964


 76, 32.589,
121.964

 66, 32.589,
121.964

 56, 32.589,
121.964

 46, 32.589,
121.964

 36, 32.589,
121.964

 26, 32.589,
121.964

 16, 32.589,

121.964

■ 6, 32.589, 121.964

■ 0, 32.589, 121.964

■ 86, 32.589,
121.964

■ 86, 32.589,
121.964

■ 85, 44.225,
121.423

■ 87, 20.737,
122.523

■ 84, 55.461,
120.929

■ 88, 8.786, 123.075

■ 84, 66.034,
120.538

■ 89, 3.181, 303.570

■ 83, 75.560,
120.328

■ 90, 15.105,
304.083

■ 82, 83.539,

■ 91, 17.702,
311.164

120.406

92, 18.768,
318.915

82, 89.449,
120.891

92, 19.977,
325.119

81, 93.048,
121.853

81, 93.806,
122.140

Harmonies

Complementary

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



86, 32.589, 121.964



70, 34.302, 305.145

Rectangle

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



86, 32.589, 121.964



86, 32.589, 171.964



86, 32.589, 301.964



86, 32.589, 351.964

Sweetspot

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



86, 32.591, 121.966



99, 10.662, 123.036



77, 19.705, 53.620



53, 7.578, 122.953



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, 32.591, 121.966



96, 43.689, 121.643



84, 37.171, 138.316



47, 6.823, 122.960



66, 78.431, 121.895



18, 29.414, 121.744

Inverse Universe

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



70, 34.302, 305.145



75, 46.566, 305.580



73, 37.550, 321.041



43, 6.946, 303.972



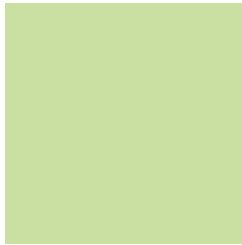
24, 97.489, 308.984



3, 32.509, 304.673

Previews

White Background



This preview shows how the CIELCh color 86, 32.589, 121.964 looks on a white background.

Color Contrast Check

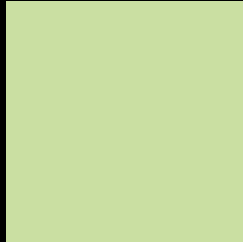
Large Text (above 18pt) WCAG AA × Fail

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, 32.589, 121.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

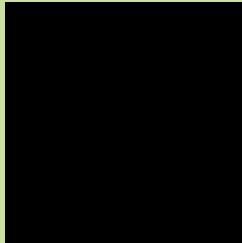
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

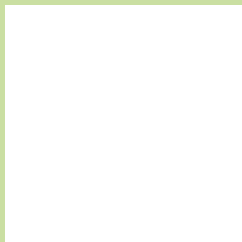
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 32.589, 121.964

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.589, 121.964.



This preview shows how white text looks on a background with the CIELCh color 86, 32.589, 121.964.

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, 32.589, 121.964

Protanopia

86, 30.223, 96.189

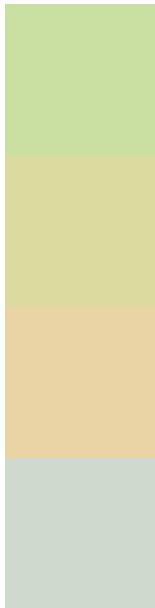
Deuteranopia

86, 28.164, 67.478



Tritanopia
86, 8.943, 286.471

Trichromacy



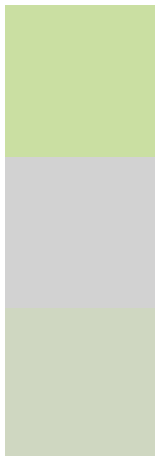
Original Color
86, 32.589, 121.964

Protanomaly
86, 30.565, 106.075

Deuteranomaly
86, 26.078, 88.478

Tritanomaly
86, 6.653, 139.155

Monochromacy



Original Color
86, 32.589, 121.964

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 11.917, 123.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.589, 121.964 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(202, 223, 162)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 162)  
}
```

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(202, 223, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.589, 121.964 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(202, 223, 162) }
```

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

```
.border{ border-color:rgb(202, 223, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 223, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 162);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.589, 121.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 162) }
```

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

```
.background{ background-color: rgb(202,  
223, 162) }
```

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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