

Converting Colors

CIELCh(86, 19.179, 137.577)

Have a look what the booklet for
CIELCh(86, 19.179, 137.577)
contains.

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Color

CIELCh(86, 19.162, 137.580)

Conversions

Conversions Part 1

Format	Color
Hex	C5DEBE
RGB	197, 222, 190
RGB Percent	77%, 87%, 75%
CMY	0.2266, 0.1285, 0.2541
CMYK	0.11, 0.00, 0.14, 0.13
HSL	107°, 33%, 81%
HSV	107°, 14%, 87%
XYZ	58.5809, 67.9871, 58.8738
YIQ	210.8770, -4.6280, -15.2520

Conversions

Conversions Part 2

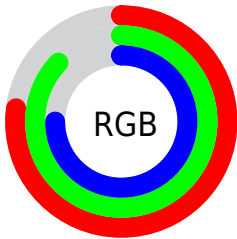
Format	Color
RYB	190, 222, 215
Decimal	12967614
CIELab	86.00, -14.15, 12.93
CIElCh	86, 19.162, 137.580
Yxy	67.9871, 0.3159, 0.3666
Android (android.graphics.Color)	4291157694 (0xFFC5DEBE)
YUV	210.8770, -10.2924, -12.1701
Hunter-Lab	82.4543, -17.4770, 15.3839

Details

The CIELCh color **86, 19.162, 137.580** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 19.318, 318.868**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.571, 114.257**, and **66, 19.073, 137.957** is the 20% darker color. If you saturate the color by 10%, you get **84, 32.536, 137.028**, and if you desaturate by 10%, it is **88, 5.824, 138.093**.

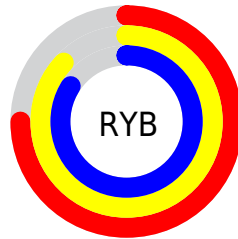
Distribution



Red (77%)

Green (87%)

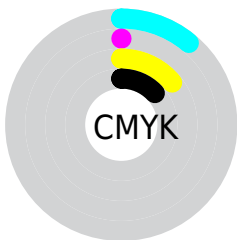
Blue (75%)



Red (75%)

Yellow (87%)

Blue (84%)

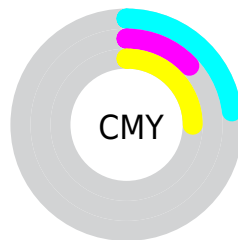


Cyan (11%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (23%)


Magenta (13%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.162, 137.580 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, 19.162, 137.580 by changing the saturation by 10% instead.


 86, 19.162,
137.580


 86, 19.162,
137.580


 100, 19.162,
137.580


 76, 19.162,
137.580

 66, 19.162,
137.580

 56, 19.162,
137.580

 46, 19.162,
137.580

 36, 19.162,
137.580


 26, 19.162,
137.580


 16, 19.162,


137.580

 6, 19.162, 137.580


 0, 19.162, 137.580

 86, 19.162,
137.580

 86, 19.162,
137.580


 84, 32.536,
137.028


 88, 5.824, 138.093


 83, 45.779,
136.420

 90, 7.370, 318.448

 82, 58.673,
135.772

 92, 19.487,
320.162

 81, 70.916,
135.121

 92, 20.509,
325.138

 80, 82.105,

134.534

■ 79, 91.718,
134.117

■ 78, 99.177,
134.000

■ 78, 104.042,
134.285

■ 78, 105.835,
134.539

Harmonies

Complementary

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



86, 19.162, 137.580



80, 19.318, 318.868

Rectangle

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



86, 19.162, 137.580



86, 19.162, 187.580



86, 19.162, 317.580



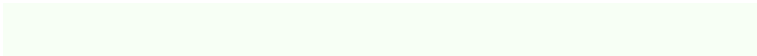
86, 19.162, 7.580

Sweetspot

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



86, 19.164, 137.581



99, 5.912, 138.113



86, 13.116, 96.621



53, 4.205, 138.072



0, 0.000, 0.000



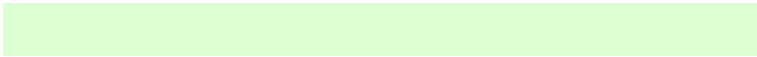
53, 0.007, 296.813

Same Dimension

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



86, 19.164, 137.581



97, 25.311, 137.436



86, 16.998, 151.970



46, 7.597, 137.835



63, 88.718, 134.384



17, 33.393, 135.508

Inverse Universe

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



80, 19.318, 318.868



89, 25.545, 318.991



80, 17.088, 333.917



44, 7.643, 318.643



35, 89.397, 320.079



6, 35.314, 320.722

Previews

White Background



This preview shows how the CIELCh color 86, 19.162, 137.580 looks on a white background.

Color Contrast Check

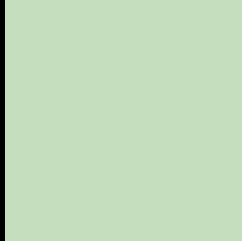
Large Text (above 18pt) WCAG AA × Fail

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, 19.162, 137.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

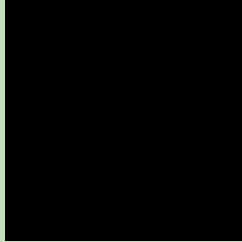
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

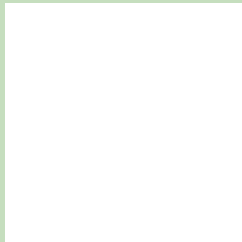
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.162, 137.580

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.162, 137.580.

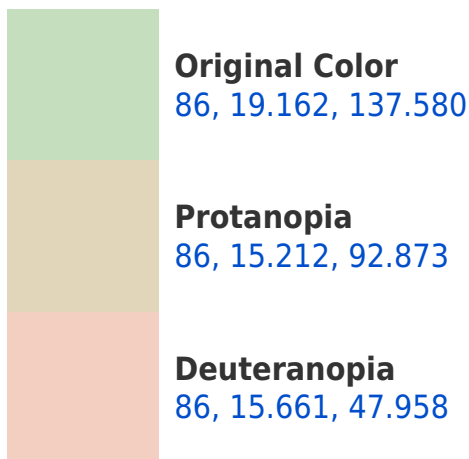


This preview shows how white text looks on a background with the CIELCh color 86, 19.162, 137.580.

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, 9.743, 265.891

Trichromacy



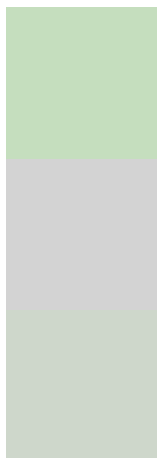
Original Color
86, 19.162, 137.580

Protanomaly
86, 15.147, 111.744

Deuteranomaly
86, 12.027, 85.057

Tritanomaly
86, 5.698, 193.807

Monochromacy



Original Color
86, 19.162, 137.580

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.127, 137.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.162, 137.580 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(197, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 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(197, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.162, 137.580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

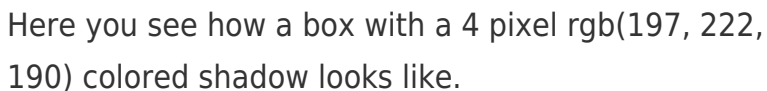
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 222, 190) }
```

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

```
.border{ border-color:rgb(197, 222, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 222, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 222, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 222, 190); box-shadow:4px 4px 4px 4px rgb(197, 222, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.162, 137.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 190) }
```

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

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