

Converting Colors

CIELCh(86, 19.295, 141.320)

Have a look what the booklet for
CIELCh(86, 19.295, 141.320)
contains.

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Color

CIELCh(86, 19.267, 141.069)

Conversions

Conversions Part 1

Format	Color
Hex	C3DFC0
RGB	195, 223, 192
RGB Percent	76%, 87%, 75%
CMY	0.2364, 0.1266, 0.2481
CMYK	0.13, 0.00, 0.14, 0.13
HSL	114°, 32%, 81%
HSV	114°, 14%, 87%
XYZ	58.2338, 67.9871, 59.7659
YIQ	211.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

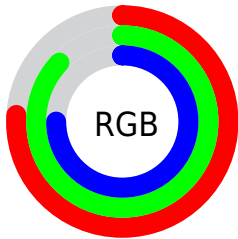
Format	Color
R _{YB}	192, 223, 220
Decimal	12836800
CIE Lab	86.00, -14.99, 12.11
CIE LCh	86, 19.267, 141.069
Yxy	67.9871, 0.3131, 0.3655
Android (android.graphics.Color)	4291026880 (0xFFC3DFC0)
YUV	211.0940, -9.4133, -14.1144
Hunter-Lab	82.4543, -18.2285, 14.7424

Details

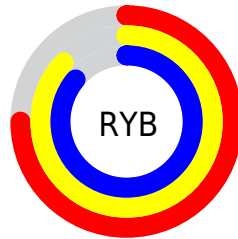
The CIELCh color **86, 19.267, 141.069** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 19.340, 322.473**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.707, 126.437**, and **66, 19.196, 141.621** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.202, 140.421**, and if you desaturate by 10%, it is **88, 5.384, 141.658**.

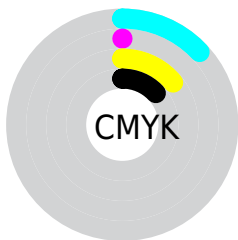
Distribution



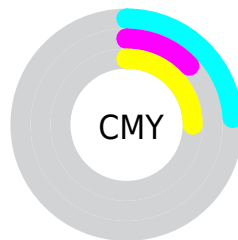
- Red (76%)
- Green (87%)
- Blue (75%)



- Red (75%)
- Yellow (87%)
- Blue (86%)



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





- Cyan (24%)
- Magenta (13%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.267, 141.069 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, 19.267, 141.069 by changing the saturation by 10% instead.


 86, 19.267,
141.069


 86, 19.267,
141.069


 100, 19.267,
141.069


 76, 19.267,
141.069

 66, 19.267,
141.069

 56, 19.267,
141.069

 46, 19.267,
141.069

 36, 19.267,
141.069


 26, 19.267,
141.069


 16, 19.267,


141.069

 6, 19.267, 141.069

 0, 19.267, 141.069


 86, 19.267,
141.069


 86, 19.267,
141.069


 84, 33.202,
140.421


 88, 5.384, 141.658

 83, 46.987,
139.684

 90, 8.315, 322.054

 81, 60.362,
138.864

 92, 20.193,
325.127

 80, 72.982,
137.989

 79, 84.401,

137.118

■ 79, 94.073,
136.351

■ 78, 101.405,
135.821

■ 78, 105.960,
135.645

■ 78, 107.579,
135.638

Harmonies

Complementary

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



86, 19.267, 141.069



81, 19.340, 322.473

Rectangle

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



86, 19.267, 141.069



86, 19.267, 191.069



86, 19.267, 321.069



86, 19.267, 11.069

Sweetspot

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



86, 19.269, 141.070



99, 6.137, 141.651



87, 14.552, 104.338



53, 4.365, 141.605



0, 0.000, 0.000



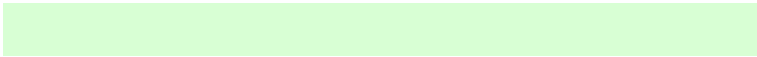
53, 0.007, 296.813

Same Dimension

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



86, 19.269, 141.070



96, 26.303, 140.870



86, 14.890, 157.559



46, 7.890, 141.334



63, 90.105, 135.554



16, 34.385, 137.732

Inverse Universe

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



81, 19.340, 322.473



89, 26.412, 322.633



81, 15.054, 339.679



44, 7.916, 322.248



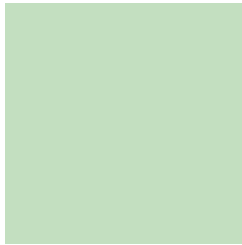
39, 88.049, 324.492



7, 35.796, 324.969

Previews

White Background



This preview shows how the CIELCh color 86, 19.267, 141.069 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, 19.267, 141.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

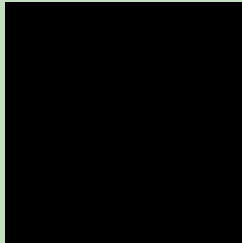
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

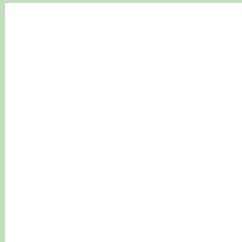
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.267, 141.069

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.267, 141.069.



This preview shows how white text looks on a background with the CIELCh color 86, 19.267, 141.069.

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, 19.267, 141.069

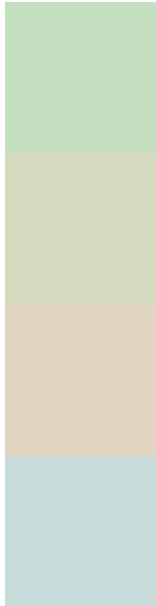
Protanopia
86, 14.709, 92.382

Deuteranopia
86, 15.145, 44.612



Tritanopia
86, 10.182, 260.653

Trichromacy



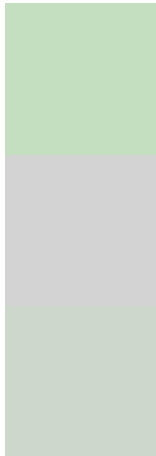
Original Color
86, 19.267, 141.069

Protanomaly
86, 14.657, 113.352

Deuteranomaly
86, 10.909, 84.798

Tritanomaly
86, 7.029, 198.991

Monochromacy



Original Color
86, 19.267, 141.069

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.856, 141.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.267, 141.069 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(195, 223, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 223, 192)  
}
```

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(195, 223, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 223, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.267, 141.069 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(195, 223, 192) }
```

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

```
.border{ border-color:rgb(195, 223, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 223, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 223, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 223, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 223,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.267, 141.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 223, 192) }
```

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

```
.background{ background-color: rgb(195,  
223, 192) }
```

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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