

Converting Colors

CIELCh(86, 19.414, 145.678)

Have a look what the booklet for
CIELCh(86, 19.414, 145.678)
contains.

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Color

CIELCh(86, 19.243, 146.185)

Conversions

Conversions Part 1

Format	Color
Hex	BFDFC2
RGB	191, 223, 194
RGB Percent	75%, 87%, 76%
CMY	0.2497, 0.1241, 0.2379
CMYK	0.14, 0.00, 0.13, 0.12
HSL	126°, 34%, 81%
HSV	126°, 14%, 88%
XYZ	57.8234, 67.9871, 61.3098
YIQ	210.1260, -9.7630, -15.8030

Conversions

Conversions Part 2

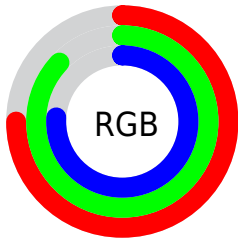
Format	Color
RYB	191, 220, 223
Decimal	12574658
CIELab	86.00, -15.99, 10.71
CIElCh	86, 19.243, 146.185
Yxy	67.9871, 0.3090, 0.3633
Android (android.graphics.Color)	4290764738 (0xFFBFDFC2)
YUV	210.1260, -7.9501, -16.7735
Hunter-Lab	82.4543, -19.1169, 13.6322

Details

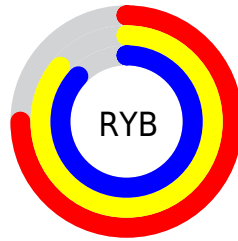
The CIELCh color **86, 19.243, 146.185** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 19.278, 327.895**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.192, 159.926**, and **66, 19.639, 145.996** is the 20% darker color. If you saturate the color by 10%, you get **84, 32.751, 145.407**, and if you desaturate by 10%, it is **88, 5.776, 146.881**.

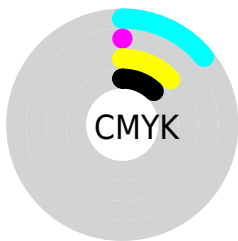
Distribution



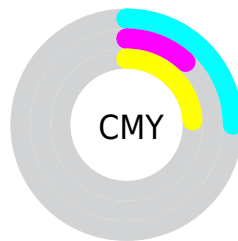
- Red (75%)
- Green (87%)
- Blue (76%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)




- Cyan (25%)
- Magenta (12%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.243, 146.185 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, 19.243, 146.185 by changing the saturation by 10% instead.


 86, 19.243,
146.185


 86, 19.243,
146.185


 100, 19.243,
146.185


 76, 19.243,
146.185


 66, 19.243,
146.185

 56, 19.243,
146.185

 46, 19.243,
146.185

 36, 19.243,
146.185


 26, 19.243,
146.185


 16, 19.243,


146.185

 6, 19.243, 146.185

 0, 19.243, 146.185

 86, 19.243,
146.185


 86, 19.243,
146.185


 84, 32.751,
145.407


 88, 5.776, 146.881

 83, 46.088,
144.503

 90, 7.506, 327.349

 92, 19.804,
325.113

 81, 58.995,
143.462

 80, 71.152,
142.283

 79, 82.190,

140.989

■ 79, 91.704,
139.636

■ 78, 99.281,
138.324

■ 78, 104.567,
137.186

■ 78, 106.542,
136.714

Harmonies

Complementary

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



86, 19.243, 146.185



81, 19.278, 327.895

Rectangle

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



86, 19.243, 146.185



86, 19.243, 196.185



86, 19.243, 326.185



86, 19.243, 16.185

Sweetspot

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



86, 19.245, 146.185



99, 5.935, 146.903



88, 16.637, 112.253



53, 4.222, 146.848



0, 0.000, 0.000



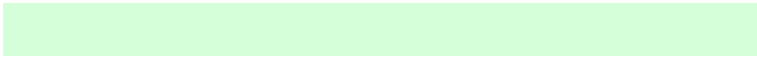
53, 0.007, 296.813

Same Dimension

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



86, 19.245, 146.185



96, 25.446, 145.979



86, 13.432, 167.135



46, 7.632, 146.528



63, 88.811, 136.873



16, 33.618, 141.082

Inverse Universe

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



81, 19.278, 327.895



89, 25.488, 328.061



80, 13.790, 349.694



44, 7.647, 327.602



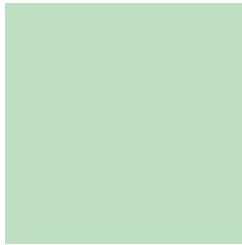
41, 81.310, 332.337



7, 33.732, 331.597

Previews

White Background



This preview shows how the CIELCh color 86, 19.243, 146.185 looks on a white background.

Color Contrast Check

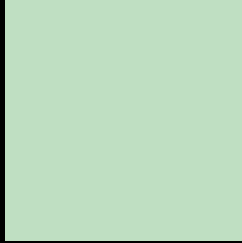
Large Text (above 18pt) WCAG AA × Fail

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, 19.243, 146.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

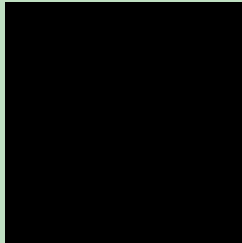
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

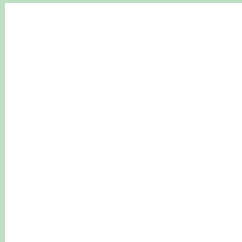
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.243, 146.185

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.243, 146.185.

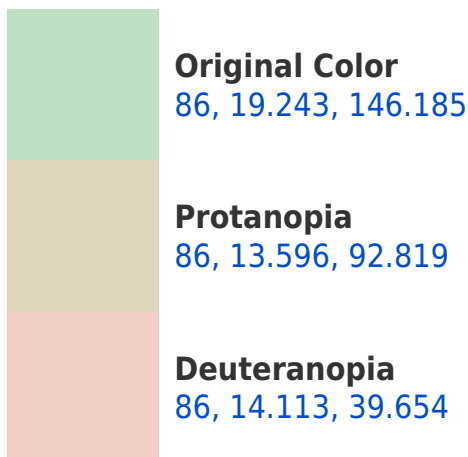


This preview shows how white text looks on a background with the CIELCh color 86, 19.243, 146.185.

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, 11.068, 253.034

Trichromacy



Original Color
86, 19.243, 146.185

Protanomaly
86, 13.712, 116.874

Deuteranomaly
86, 9.317, 83.168

Tritanomaly
86, 8.389, 198.884

Monochromacy



Original Color
86, 19.243, 146.185

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 7.276, 146.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.243, 146.185 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(191, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 223, 194)  
}
```

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(191, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 223, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.243, 146.185 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(191, 223, 194) }
```

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

```
.border{ border-color:rgb(191, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 223,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.243, 146.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 223, 194) }
```

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

```
.background{ background-color: rgb(191,  
223, 194) }
```

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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