

Converting Colors

CIELCh(86, 31.447, 148.212)

Have a look what the booklet for
CIELCh(86, 31.447, 148.212)
contains.

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Color

CIELCh(86, 30.996, 148.166)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ADE4B7 |
| RGB | 173, 228, 183 |
| RGB Percent | 68%, 89%, 72% |
| CMY | 0.3205, 0.1048, 0.2813 |
| CMYK | 0.24, 0.00, 0.20, 0.10 |
| HSL | 131°, 51%, 79% |
| HSV | 131°, 24%, 90% |
| XYZ | 53.6899, 67.9871, 55.2405 |
| YIQ | 206.4250, -18.3350, -25.6550 |

Conversions

Conversions Part 2

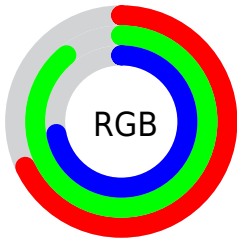
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 173, 220, 228 |
| Decimal | 11396279 |
| CIELab | 86.00, -26.33, 16.35 |
| CIElCh | 86, 30.996, 148.166 |
| Yxy | 67.9871, 0.3035, 0.3843 |
| Android (android.graphics.Color) | 4289586359 (0xFFADE4B7) |
| YUV | 206.4250, -11.5485, -29.3137 |
| Hunter-Lab | 82.4543, -28.0652, 17.9965 |

Details

The CIELCh color **86, 30.996, 148.166** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **77, 31.110, 331.405**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.303, 157.173**, and **66, 30.864, 148.468** is the 20% darker color. If you saturate the color by 10%, you get **84, 43.750, 147.230**, and if you desaturate by 10%, it is **88, 18.094, 148.975**.

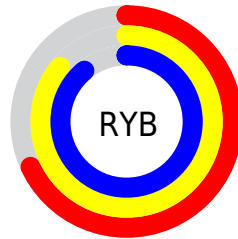
Distribution



Red (68%)

Green (89%)

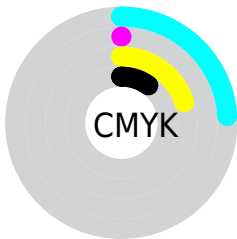
Blue (72%)



Red (68%)

Yellow (86%)

Blue (89%)

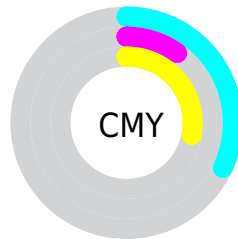


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (10%)



Cyan (32%)


Magenta (10%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 30.996, 148.166 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, 30.996, 148.166 by changing the saturation by 10% instead.


 86, 30.996,
148.166


 86, 30.996,
148.166


 100, 30.996,
148.166


 76, 30.996,
148.166

 66, 30.996,
148.166

 56, 30.996,
148.166

 46, 30.996,
148.166

 36, 30.996,
148.166


 26, 30.996,
148.166


 16, 30.996,


148.166


 6, 30.996, 148.166


 0, 30.996, 148.166

 86, 30.996,
148.166


 86, 30.996,
148.166

 84, 43.750,
147.230


 88, 18.094,
148.975


 83, 56.119,
146.148

 90, 5.223, 149.710

 82, 67.834,
144.907

 92, 7.476, 330.194

 94, 16.697,
325.003

 81, 78.599,
143.509

 80, 88.109,

141.978

■ 80, 96.076,
140.374

■ 80, 102.256,
138.799

■ 80, 105.059,
137.982

Harmonies

Complementary

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



86, 30.996, 148.166



77, 31.110, 331.405

Rectangle

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



86, 30.996, 148.166



86, 30.996, 198.166



86, 30.996, 328.166



86, 30.996, 18.166

Sweetspot

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



86, 30.998, 148.166



98, 9.785, 149.491



89, 28.546, 114.950



52, 6.361, 149.447



0, 0.000, 0.000



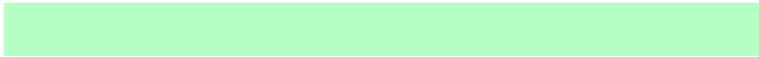
53, 0.007, 296.813

Same Dimension

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



86, 30.998, 148.166



94, 40.779, 147.708



87, 21.509, 171.367



47, 7.302, 149.317



63, 86.880, 138.233



17, 33.486, 142.170

Inverse Universe

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



77, 31.110, 331.405



82, 40.923, 331.741



76, 22.894, 356.196



45, 7.323, 330.453



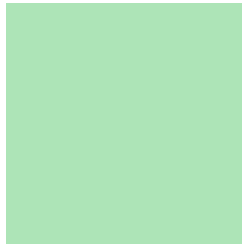
41, 76.788, 337.040



8, 32.912, 335.450

Previews

White Background



This preview shows how the CIELCh color 86, 30.996, 148.166 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, 30.996, 148.166 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, 30.996, 148.166

Background



This preview shows how black text looks on a background with the CIELCh color 86, 30.996, 148.166.

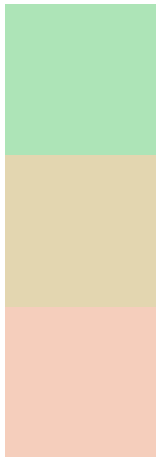


This preview shows how white text looks on a background with the CIELCh color 86, 30.996, 148.166.

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, 30.996, 148.166

Protanopia
86, 20.463, 94.168

Deuteranopia
86, 17.865, 51.886

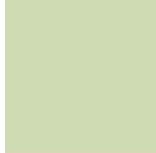


Tritanopia
86, 15.177, 234.909

Trichromacy



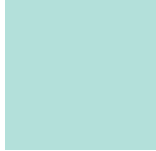
Original Color
86, 30.996, 148.166



Protanomaly
86, 21.341, 120.749



Deuteranomaly
85, 14.748, 101.504

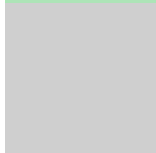


Tritanomaly
86, 15.846, 186.821

Monochromacy



Original Color
86, 30.996, 148.166



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 11.603, 148.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 30.996, 148.166 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(173, 228, 183)` looks like.

```
.text, #text, p{  
    color:rgb(173, 228, 183)  
}
```

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(173, 228, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 228, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 30.996, 148.166 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(173, 228, 183) }
```

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

```
.border{ border-color:rgb(173, 228, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 228, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 228, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 228, 183); box-shadow:4px 4px 4px 4px rgb(173, 228, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 30.996, 148.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 228, 183) }
```

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

```
.background{ background-color: rgb(173,  
228, 183) }
```

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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