

Converting Colors

CIELCh(86, 19.209, 157.000)

Have a look what the booklet for
CIELCh(86, 19.209, 157.000)
contains.

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Color

CIELCh(86, 18.941, 156.554)

Conversions

Conversions Part 1

Format	Color
Hex	B9E0C8
RGB	185, 224, 200
RGB Percent	73%, 88%, 78%
CMY	0.2735, 0.1205, 0.2146
CMYK	0.17, 0.00, 0.11, 0.12
HSL	143°, 39%, 80%
HSV	143°, 17%, 88%
XYZ	57.2564, 67.9871, 64.9115
YIQ	209.6030, -15.5400, -15.7320

Conversions

Conversions Part 2

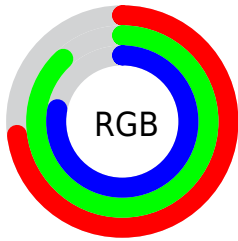
Format	Color
RYB	185, 213, 224
Decimal	12181704
CIELab	86.00, -17.38, 7.54
CIELCh	86, 18.941, 156.554
Yxy	67.9871, 0.3011, 0.3575
Android (android.graphics.Color)	4290371784 (0xFFB9E0C8)
YUV	209.6030, -4.7343, -21.5768
Hunter-Lab	82.4543, -20.3444, 11.0424

Details

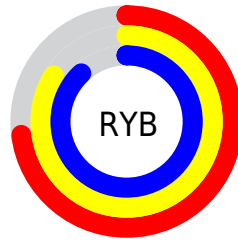
The CIELCh color **86, 18.941, 156.554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 19.175, 339.237**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **66, 19.297, 156.577** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.785, 155.600**, and if you desaturate by 10%, it is **88, 8.030, 157.414**.

Distribution



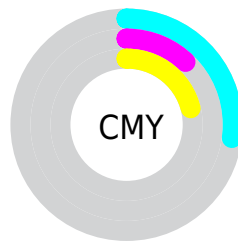
- Red (73%)
- Green (88%)
- Blue (78%)



- Red (73%)
- Yellow (84%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)





- Cyan (27%)
- Magenta (12%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 18.941, 156.554 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, 18.941, 156.554 by changing the saturation by 10% instead.


 86, 18.941,
156.554


 86, 18.941,
156.554


 100, 18.941,
156.554


 76, 18.941,
156.554


 66, 18.941,
156.554

 56, 18.941,
156.554

 46, 18.941,
156.554

 36, 18.941,
156.554


 26, 18.941,
156.554

 16, 18.941,

156.554

 6, 18.941, 156.554


 0, 18.941, 156.554

 86, 18.941,
156.554


 86, 18.941,
156.554


 84, 29.785,
155.600


 88, 8.030, 157.414


 83, 40.396,
154.518

 90, 2.825, 337.961

 82, 50.592,
153.281

 92, 13.524,
338.734

 81, 60.177,
151.866

 93, 19.219,
325.092

 80, 68.962,

150.253

■ 79, 76.794,
148.436

■ 79, 83.580,
146.430

■ 79, 89.324,
144.292

■ 79, 90.708,
143.757

Harmonies

Complementary

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



86, 18.941, 156.554



79, 19.175, 339.237

Rectangle

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



86, 18.941, 156.554



86, 18.941, 206.554



86, 18.941, 336.554



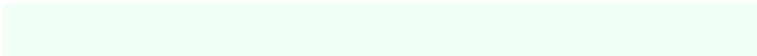
86, 18.941, 26.554

Sweetspot

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



86, 18.943, 156.553



99, 6.017, 157.619



87, 21.038, 124.008



53, 4.107, 157.556



0, 0.000, 0.000



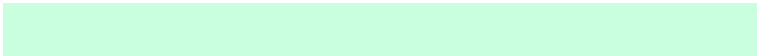
53, 0.007, 296.813

Same Dimension

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



86, 18.943, 156.553



96, 25.377, 156.208



86, 13.729, 188.441



46, 6.175, 157.240



63, 75.034, 144.134



16, 28.077, 148.476

Inverse Universe

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



79, 19.175, 339.237



87, 25.746, 339.555



79, 14.992, 11.380



44, 6.222, 338.585



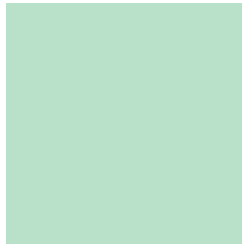
38, 66.676, 351.465



7, 27.929, 346.573

Previews

White Background



This preview shows how the CIELCh color 86, 18.941, 156.554 looks on a white background.

Color Contrast Check

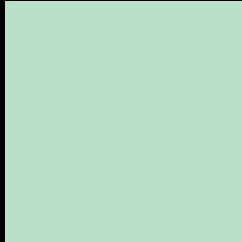
Large Text (above 18pt) WCAG AA × Fail

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, 18.941, 156.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

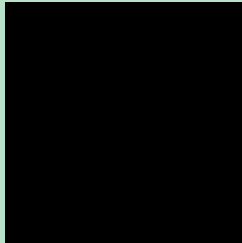
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

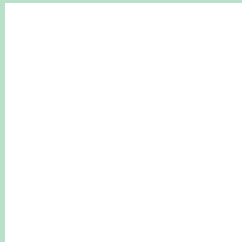
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 18.941, 156.554

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.941, 156.554.

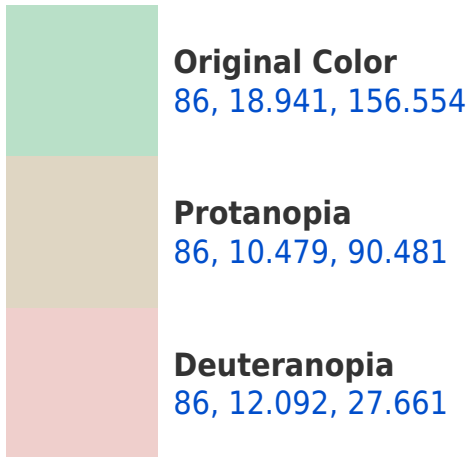


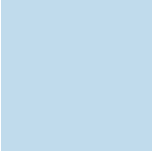
This preview shows how white text looks on a background with the CIELCh color 86, 18.941, 156.554.

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](#).

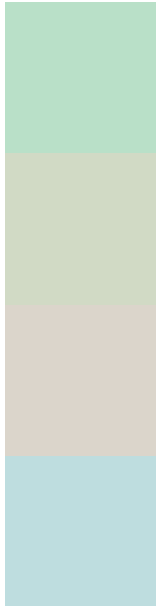
Dichromacy





Tritanopia
86, 12.545, 244.496

Trichromacy



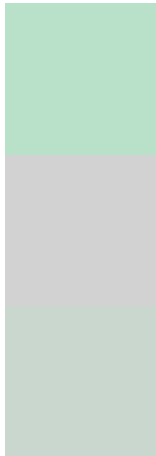
Original Color
86, 18.941, 156.554

Protanomaly
86, 11.489, 126.087

Deuteranomaly
85, 5.667, 86.680

Tritanomaly
86, 10.716, 204.364

Monochromacy



Original Color
86, 18.941, 156.554

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 6.969, 156.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.941, 156.554 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(185, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 200)  
}
```

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(185, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.941, 156.554 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(185, 224, 200) }
```

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

```
.border{ border-color:rgb(185, 224, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(185, 224,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.941, 156.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 200) }
```

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

```
.background{ background-color: rgb(185,  
224, 200) }
```

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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