

Converting Colors

CIELCh(86, 23.123, 154.102)

Have a look what the booklet for
CIELCh(86, 23.123, 154.102)
contains.

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Color

CIELCh(86, 23.318, 153.795)

Conversions

Conversions Part 1

Format	Color
Hex	B4E2C3
RGB	180, 226, 195
RGB Percent	71%, 89%, 76%
CMY	0.2944, 0.1140, 0.2356
CMYK	0.20, 0.00, 0.14, 0.11
HSL	140°, 44%, 80%
HSV	140°, 20%, 89%
XYZ	55.8268, 67.9871, 61.7700
YIQ	208.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

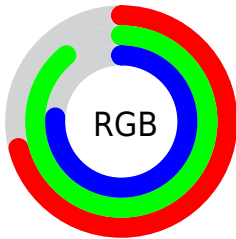
Format	Color
RYB	180, 215, 226
Decimal	11854531
CIELab	86.00, -20.92, 10.30
CIElCh	86, 23.318, 153.795
Yxy	67.9871, 0.3008, 0.3663
Android (android.graphics.Color)	4290044611 (0xFFB4E2C3)
YUV	208.7120, -6.7600, -25.1804
Hunter-Lab	82.4543, -23.4392, 13.3014

Details

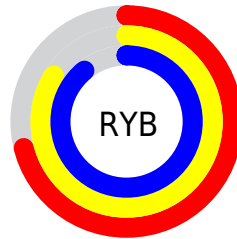
The CIELCh color **86, 23.318, 153.795** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 23.550, 336.826**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.749, 185.968**, and **66, 23.885, 153.582** is the 20% darker color. If you saturate the color by 10%, you get **84, 34.705, 152.839**, and if you desaturate by 10%, it is **88, 11.837, 154.639**.

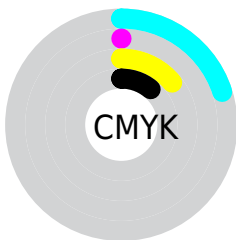
Distribution



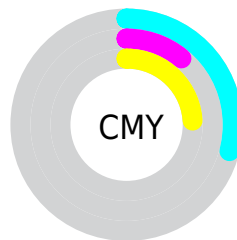
- Red (71%)
- Green (89%)
- Blue (76%)



- Red (71%)
- Yellow (84%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 23.318, 153.795 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, 23.318, 153.795 by changing the saturation by 10% instead.


 86, 23.318,
153.795

 86, 23.318,
153.795


 100, 23.318,
153.795


 76, 23.318,
153.795

 66, 23.318,
153.795

 56, 23.318,
153.795

 46, 23.318,
153.795

 36, 23.318,
153.795


 26, 23.318,
153.795


 16, 23.318,


153.795

 6, 23.318, 153.795

 0, 23.318, 153.795

 86, 23.318,
153.795

 86, 23.318,
153.795


 84, 34.705,
152.839


 88, 11.837,
154.639


 83, 45.814,
151.743

 90, 0.401, 156.281

 82, 56.443,
150.484

 92, 10.877,
335.942

 81, 66.374,
149.041

 93, 18.175,
325.055

 80, 75.401,

147.405

■ 80, 83.356,
145.583

■ 79, 90.131,
143.611

■ 79, 95.585,
141.685

Harmonies

Complementary

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



86, 23.318, 153.795



78, 23.550, 336.826

Rectangle

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



86, 23.318, 153.795



86, 23.318, 203.795



86, 23.318, 333.795



86, 23.318, 23.795

Sweetspot

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



86, 23.320, 153.794



99, 7.543, 154.988



88, 24.454, 121.278



53, 5.006, 154.934



0, 0.000, 0.000



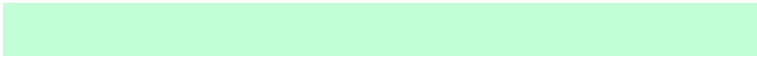
53, 0.007, 296.813

Same Dimension

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



86, 23.320, 153.794



95, 30.317, 153.446



87, 16.539, 182.732



46, 6.449, 154.713



63, 78.638, 142.048



16, 29.402, 146.352

Inverse Universe

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



78, 23.550, 336.826



85, 30.660, 337.129



78, 18.039, 6.578



44, 6.486, 335.988



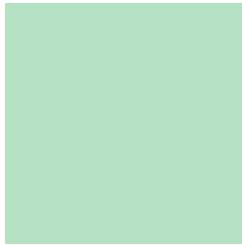
39, 68.816, 346.764



7, 28.906, 342.929

Previews

White Background



This preview shows how the CIELCh color 86, 23.318, 153.795 looks on a white background.

Color Contrast Check

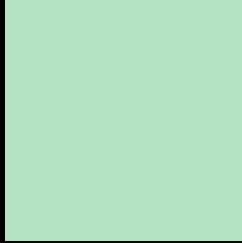
Large Text (above 18pt) WCAG AA × Fail

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, 23.318, 153.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

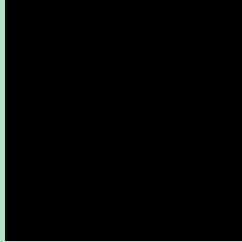
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

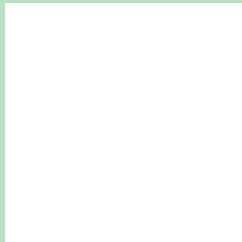
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 23.318, 153.795

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.318, 153.795.

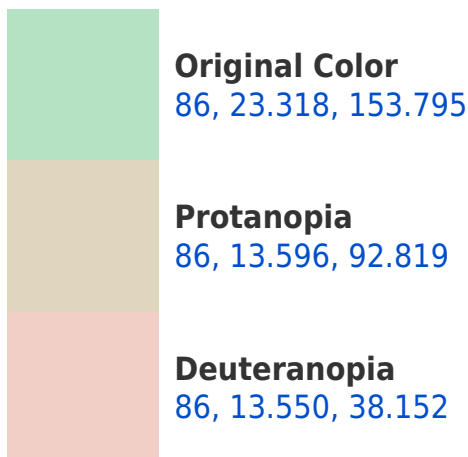


This preview shows how white text looks on a background with the CIELCh color 86, 23.318, 153.795.

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](#).

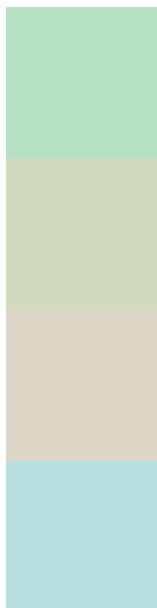
Dichromacy





Tritanopia
86, 13.707, 239.649

Trichromacy



Original Color
86, 23.318, 153.795

Protanomaly
86, 14.607, 123.786

Deuteranomaly
86, 8.560, 96.876

Tritanomaly
86, 12.703, 198.565

Monochromacy



Original Color
86, 23.318, 153.795

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.496, 155.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.318, 153.795 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(180, 226, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 226, 195)  
}
```

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(180, 226, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 226, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.318, 153.795 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(180, 226, 195) }
```

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

```
.border{ border-color:rgb(180, 226, 195) }
```

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

Here you see how a box with a 4 pixel rgb(180, 226, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 226, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 226, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 226,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.318, 153.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 226, 195) }
```

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

```
.background{ background-color: rgb(180,  
226, 195) }
```

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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