

Converting Colors

CIELCh(86, 20.409, 162.308)

Have a look what the booklet for
CIELCh(86, 20.409, 162.308)
contains.

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Color

CIELCh(86, 20.110, 163.019)

Conversions

Conversions Part 1

Format	Color
Hex	B3E1CB
RGB	179, 225, 203
RGB Percent	70%, 88%, 80%
CMY	0.2967, 0.1163, 0.2026
CMYK	0.20, 0.00, 0.10, 0.12
HSL	151°, 44%, 79%
HSV	151°, 20%, 88%
XYZ	56.5047, 67.9871, 66.8546
YIQ	208.7380, -20.3540, -16.5940

Conversions

Conversions Part 2

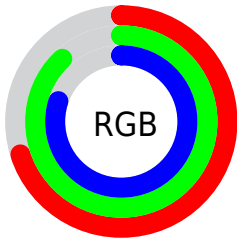
Format	Color
RYB	179, 209, 225
Decimal	11788747
CIELab	86.00, -19.23, 5.87
CIELCh	86, 20.110, 163.019
Yxy	67.9871, 0.2953, 0.3553
Android (android.graphics.Color)	4289978827 (0xFFB3E1CB)
YUV	208.7380, -2.8288, -26.0802
Hunter-Lab	82.4543, -21.9716, 9.6452

Details

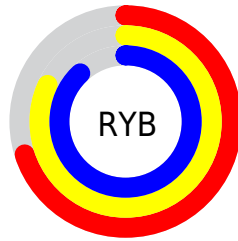
The CIELCh color **86, 20.110, 163.019** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 20.691, 346.667**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **66, 20.197, 162.559** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.757, 161.954**, and if you desaturate by 10%, it is **88, 10.285, 163.986**.

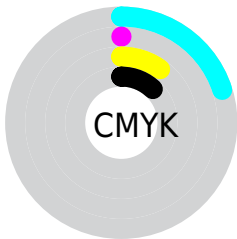
Distribution



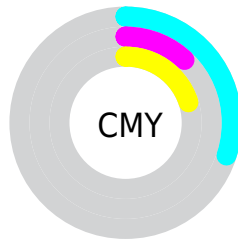
- Red (70%)
- Green (88%)
- Blue (80%)



- Red (70%)
- Yellow (82%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 20.110, 163.019 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, 20.110, 163.019 by changing the saturation by 10% instead.


 86, 20.110,
163.019


 86, 20.110,
163.019


 100, 20.110,
163.019


 76, 20.110,
163.019

 66, 20.110,
163.019

 56, 20.110,
163.019

 46, 20.110,
163.019

 36, 20.110,
163.019

 26, 20.110,
163.019

 16, 20.110,

163.019

■ 6, 20.110, 163.019

■ 0, 20.110, 163.019

■ 86, 20.110,
163.019

■ 86, 20.110,
163.019

■ 84, 29.757,
161.954

■ 88, 10.285,
163.986

■ 83, 39.067,
160.766

■ 90, 0.407, 165.912

■ 82, 47.873,
159.425

■ 92, 9.417, 345.533

■ 81, 56.011,
157.907

■ 93, 15.164,
334.585

■ 80, 63.337,

■ 93, 18.545,
325.068

156.188

■ 80, 69.758,
154.255

■ 79, 75.258,
152.111

■ 79, 79.805,
149.937

Harmonies

Complementary

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



86, 20.110, 163.019



78, 20.691, 346.667

Rectangle

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



86, 20.110, 163.019



86, 20.110, 213.019



86, 20.110, 343.019



86, 20.110, 33.019

Sweetspot

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



86, 20.112, 163.017



99, 6.543, 164.403



87, 25.540, 128.727



53, 4.341, 164.339



0, 0.000, 0.000



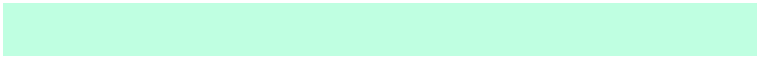
53, 0.007, 296.813

Same Dimension

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



86, 20.112, 163.017



95, 27.148, 162.526



86, 15.302, 199.906



46, 5.585, 164.078



63, 65.784, 150.348



17, 24.782, 154.832

Inverse Universe

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



78, 20.691, 346.667



84, 28.112, 347.169



77, 17.532, 22.169



44, 5.664, 345.595



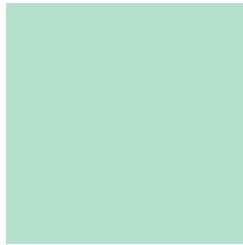
38, 63.997, 3.895



6, 26.226, 356.328

Previews

White Background



This preview shows how the CIELCh color 86, 20.110, 163.019 looks on a white background.

Color Contrast Check

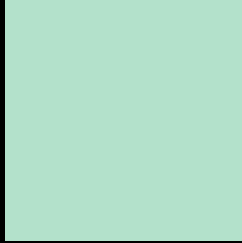
Large Text (above 18pt) WCAG AA × Fail

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, 20.110, 163.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

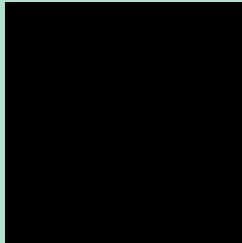
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

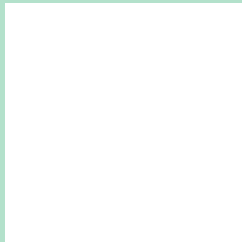
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 20.110, 163.019

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.110, 163.019.

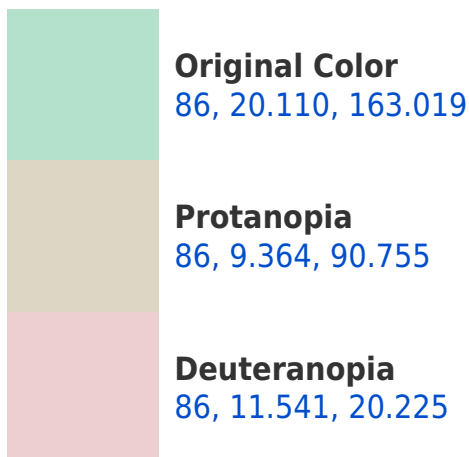


This preview shows how white text looks on a background with the CIELCh color 86, 20.110, 163.019.

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, 14.494, 239.703

Trichromacy



Original Color
86, 20.110, 163.019

Protanomaly
86, 10.909, 133.178

Deuteranomaly
86, 4.314, 95.022

Tritanomaly
86, 12.999, 205.555

Monochromacy



Original Color
86, 20.110, 163.019

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 7.470, 164.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.110, 163.019 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(179, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(179, 225, 203)  
}
```

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(179, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 225, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.110, 163.019 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(179, 225, 203) }
```

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

```
.border{ border-color:rgb(179, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(179, 225,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.110, 163.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 225, 203) }
```

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

```
.background{ background-color: rgb(179,  
225, 203) }
```

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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