

Converting Colors

CIELCh(86, 21.341, 175.673)

Have a look what the booklet for
CIELCh(86, 21.341, 175.673)
contains.

CIELCh(86, 21.494, 174.890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 21.494, 174.890)

Conversions

Conversions Part 1

Format	Color
Hex	AAE3D3
RGB	170, 227, 211
RGB Percent	67%, 89%, 83%
CMY	0.3344, 0.1109, 0.1736
CMYK	0.25, 0.00, 0.07, 0.11
HSL	163°, 50%, 78%
HSV	163°, 25%, 89%
XYZ	55.6321, 67.9871, 71.6351
YIQ	208.1330, -28.8360, -17.0600

Conversions

Conversions Part 2

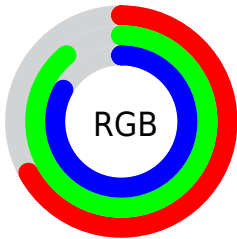
Format	Color
RYB	170, 203, 227
Decimal	11199443
CIELab	86.00, -21.41, 1.91
CIELCh	86, 21.494, 174.890
Yxy	67.9871, 0.2849, 0.3482
Android (android.graphics.Color)	4289389523 (0xFFAAE3D3)
YUV	208.1330, 1.4134, -33.4426
Hunter-Lab	82.4543, -23.8606, 6.2077

Details

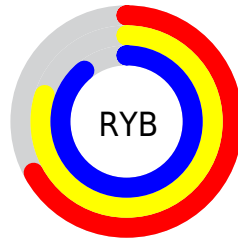
The CIELCh color **86, 21.494, 174.890** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 23.269, 0.002**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **66, 21.226, 176.091** is the 20% darker color. If you saturate the color by 10%, you get **85, 29.475, 173.771**, and if you desaturate by 10%, it is **88, 13.122, 175.928**.

Distribution



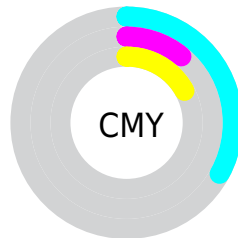
- Red (67%)
- Green (89%)
- Blue (83%)



- Red (67%)
- Yellow (80%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)




- Cyan (33%)
- Magenta (11%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 21.494, 174.890 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, 21.494, 174.890 by changing the saturation by 10% instead.


 86, 21.494,
174.890


 86, 21.494,
174.890


 100, 21.494,
174.890


 76, 21.494,
174.890

 66, 21.494,
174.890

 56, 21.494,
174.890

 46, 21.494,
174.890

 36, 21.494,
174.890

 26, 21.494,
174.890

 16, 21.494,

174.890

■ 6, 21.494, 174.890

■ 0, 21.494, 174.890

■ 86, 21.494,
174.890

■ 86, 21.494,
174.890

■ 85, 29.475,
173.771

■ 88, 13.122,
175.928

■ 84, 36.912,
172.555

■ 89, 4.490, 176.961

■ 83, 43.662,
171.214

■ 91, 4.280, 357.615

■ 82, 49.597,
169.724

■ 93, 11.284,
354.636

■ 81, 54.631,

■ 93, 12.986,
341.435

168.059

93, 15.224,
331.759

81, 58.741,
166.201

93, 17.682,
325.038

81, 61.988,
164.147

80, 63.371,
163.118

Harmonies

Complementary

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



86, 21.494, 174.890



75, 23.269, 0.002

Rectangle

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



86, 21.494, 174.890



86, 21.494, 224.890



86, 21.494, 354.890



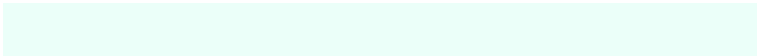
86, 21.494, 44.890

Sweetspot

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



86, 21.495, 174.887



98, 7.677, 176.646



86, 33.397, 135.067



52, 5.450, 176.491



0, 0.000, 0.000



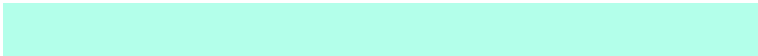
53, 0.007, 296.813

Same Dimension

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



86, 21.495, 174.887



95, 27.966, 174.334



83, 15.989, 222.720



46, 4.907, 176.504



64, 52.120, 163.508



17, 20.199, 167.522

Inverse Universe

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



75, 23.269, 0.002



80, 30.795, 0.696



78, 18.920, 40.913



44, 5.053, 358.153



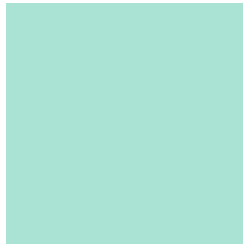
37, 66.942, 22.610



6, 25.328, 8.713

Previews

White Background



This preview shows how the CIE LCh color 86, 21.494, 174.890 looks on a white background.

Color Contrast Check

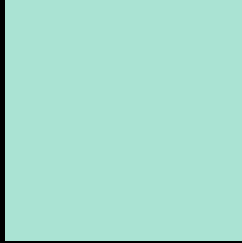
Large Text (above 18pt) WCAG AA × Fail

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, 21.494, 174.890 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

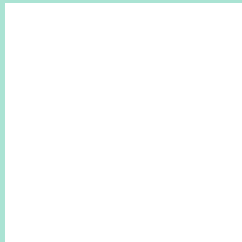
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 21.494, 174.890

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.494, 174.890.




This preview shows how white text looks on a background with the CIELCh color 86, 21.494, 174.890.

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



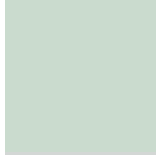


Tritanopia
86, 17.440, 231.559

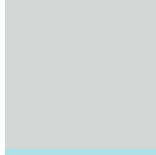
Trichromacy



Original Color
86, 21.494, 174.890



Protanomaly
86, 9.231, 151.317



Deuteranomaly
86, 1.787, 163.739

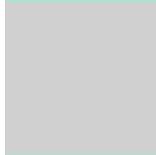


Tritanomaly
86, 16.774, 207.378

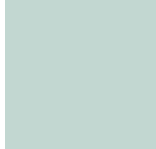
Monochromacy



Original Color
86, 21.494, 174.890



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 8.175, 176.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.494, 174.890 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(170, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(170, 227, 211)  
}
```

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(170, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 227, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.494, 174.890 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(170, 227, 211) }
```

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

```
.border{ border-color:rgb(170, 227, 211) }
```

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

Here you see how a box with a 4 pixel rgb(170, 227, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(170, 227,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.494, 174.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 227, 211) }
```

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

```
.background{ background-color: rgb(170,  
227, 211) }
```

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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