

Converting Colors

CIELCh(86, 14.045, 163.646)

Have a look what the booklet for
CIELCh(86, 14.045, 163.646)
contains.

CIELCh(86, 13.954, 164.135)	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, 13.954, 164.135)

Conversions

Conversions Part 1

Format	Color
Hex	BEDECF
RGB	190, 222, 207
RGB Percent	75%, 87%, 81%
CMY	0.2533, 0.1278, 0.1866
CMYK	0.14, 0.00, 0.07, 0.13
HSL	152°, 33%, 81%
HSV	152°, 14%, 87%
XYZ	58.8801, 67.9871, 69.3130
YIQ	210.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

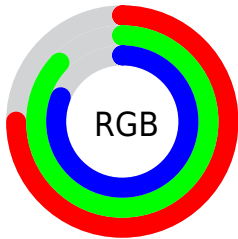
Format	Color
RYB	190, 211, 222
Decimal	12508879
CIELab	86.00, -13.42, 3.81
CIELCh	86, 13.954, 164.135
Yxy	67.9871, 0.3001, 0.3466
Android (android.graphics.Color)	4290698959 (0xFFBEDECF)
YUV	210.7220, -1.8349, -18.1732
Hunter-Lab	82.4543, -16.8292, 7.8774

Details

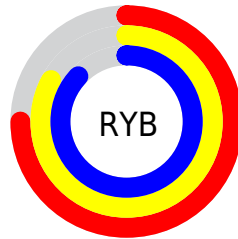
The CIELCh color **86, 13.954, 164.135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 14.254, 346.607**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **66, 14.060, 164.721** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.550, 163.127**, and if you desaturate by 10%, it is **88, 4.257, 165.101**.

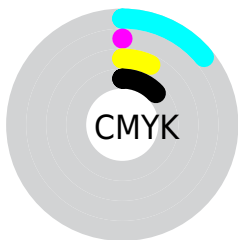
Distribution



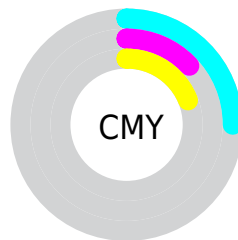
- Red (75%)
- Green (87%)
- Blue (81%)



- Red (75%)
- Yellow (83%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)





- Cyan (25%)
- Magenta (13%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 13.954, 164.135 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, 13.954, 164.135 by changing the saturation by 10% instead.


 86, 13.954,
164.135


 86, 13.954,
164.135


 100, 13.954,
164.135


 76, 13.954,
164.135

 66, 13.954,
164.135

 56, 13.954,
164.135

 46, 13.954,
164.135

 36, 13.954,
164.135


 26, 13.954,
164.135


 16, 13.954,


164.135

 6, 13.954, 164.135


 0, 13.954, 164.135

 86, 13.954,
164.135


 86, 13.954,
164.135


 84, 23.550,
163.127


 88, 4.257, 165.101


 83, 32.902,
162.015

 90, 5.432, 345.728


 82, 41.853,
160.768

 92, 14.394,
344.742

 81, 50.237,
159.360

 92, 17.998,
330.627

 80, 57.900,

 92, 20.387,
325.133

157.766

■ 79, 64.718,
155.966

■ 79, 70.627,
153.949

■ 78, 75.650,
151.732

■ 78, 78.190,
150.462

Harmonies

Complementary

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



86, 13.954, 164.135



80, 14.254, 346.607

Rectangle

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



86, 13.954, 164.135



86, 13.954, 214.135



86, 13.954, 344.135



86, 13.954, 34.135

Sweetspot

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



86, 13.956, 164.132



99, 4.329, 165.142



87, 17.809, 129.015



53, 3.078, 165.059



0, 0.000, 0.000



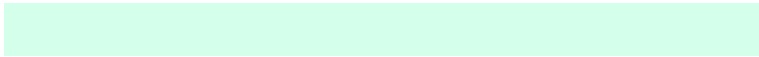
53, 0.007, 296.813

Same Dimension

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



86, 13.956, 164.132



97, 18.403, 163.866



86, 10.872, 200.182



46, 5.548, 164.603



63, 65.121, 150.854



17, 24.554, 155.336

Inverse Universe

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



80, 14.254, 346.607



89, 18.868, 346.878



80, 11.937, 21.665



44, 5.629, 346.131



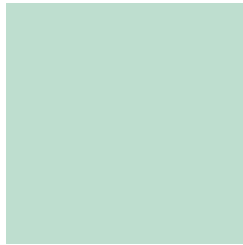
38, 63.950, 4.805



6, 26.145, 357.015

Previews

White Background



This preview shows how the CIELCh color 86, 13.954, 164.135 looks on a white background.

Color Contrast Check

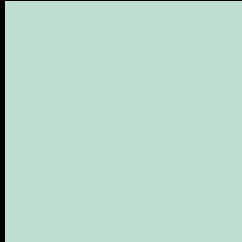
Large Text (above 18pt) WCAG AA × Fail

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, 13.954, 164.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

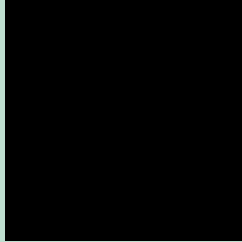
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

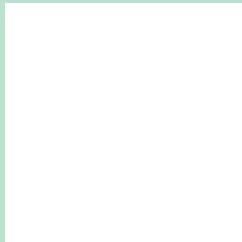
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 13.954, 164.135

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.954, 164.135.

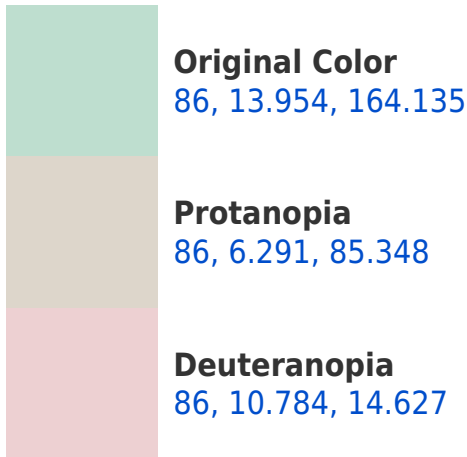


This preview shows how white text looks on a background with the CIELCh color 86, 13.954, 164.135.

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](#).

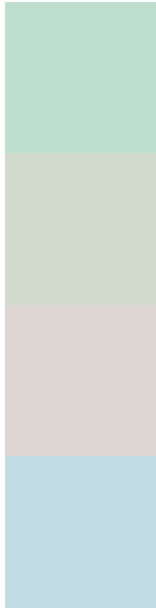
Dichromacy





Tritanopia
86, 12.062, 250.855

Trichromacy



Original Color
86, 13.954, 164.135

Protanomaly
86, 6.799, 131.718

Deuteranomaly
86, 3.290, 58.847

Tritanomaly
86, 9.732, 217.792

Monochromacy



Original Color
86, 13.954, 164.135

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.777, 165.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.954, 164.135 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(190, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 222, 207)  
}
```

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(190, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 222, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.954, 164.135 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(190, 222, 207) }
```

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

```
.border{ border-color:rgb(190, 222, 207) }
```

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

Here you see how a box with a 4 pixel rgb(190, 222, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 222,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.954, 164.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 222, 207) }
```

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

```
.background{ background-color: rgb(190,  
222, 207) }
```

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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