

Converting Colors

CIELCh(86, 63.315, 164.072)

Have a look what the booklet for
CIELCh(86, 63.315, 164.072)
contains.

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Color

CIELCh(86, 63.258, 164.056)

Conversions

Conversions Part 1

Format	Color
Hex	2BF3B4
RGB	43, 243, 180
RGB Percent	17%, 95%, 71%
CMY	0.8304, 0.0466, 0.2937
CMYK	0.82, 0.00, 0.26, 0.05
HSL	161°, 89%, 56%
HSV	161°, 82%, 95%
XYZ	41.3394, 67.9871, 54.1797
YIQ	176.0180, -98.9770, -61.9930

Conversions

Conversions Part 2

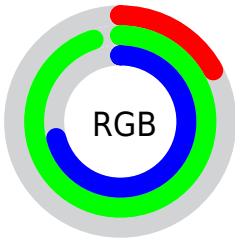
Format	Color
RYB	43, 162, 243
Decimal	2880436
CIELab	86.00, -60.82, 17.38
CIELCh	86, 63.258, 164.056
Yxy	67.9871, 0.2528, 0.4158
Android (android.graphics.Color)	4281070516 (0xFF2BF3B4)
YUV	176.0180, 1.9631, -116.6568
Hunter-Lab	82.4543, -54.8021, 18.7593

Details

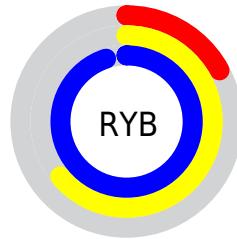
The CIELCh color **86, 63.258, 164.056** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **54, 76.555, 11.614**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 40.747, 182.828**, and **67, 56.953, 160.505** is the 20% darker color. If you saturate the color by 10%, you get **86, 67.283, 161.971**, and if you desaturate by 10%, it is **87, 58.295, 165.933**.

Distribution



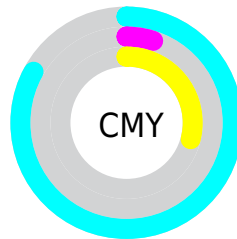
- Red (17%)
- Green (95%)
- Blue (71%)



- Red (17%)
- Yellow (64%)
- Blue (95%)



- Cyan (82%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)





- Cyan (83%)
- Magenta (5%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 63.258, 164.056 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, 63.258, 164.056 by changing the saturation by 10% instead.


 86, 63.258,
164.056


 86, 63.258,
164.056


 100, 63.258,
164.056


 76, 63.258,
164.056

 66, 63.258,
164.056

 56, 63.258,
164.056

 46, 63.258,
164.056

 36, 63.258,
164.056


 26, 63.258,
164.056


 16, 63.258,


164.056


 6, 63.258, 164.056


 0, 63.258, 164.056


 86, 63.258,
164.056


 86, 63.258,
164.056


 86, 67.283,
161.971

 87, 58.295,
165.933

 85, 69.918,
160.252


 87, 52.357,
167.611


 88, 45.497,
169.109

 89, 37.826,
170.453

 90, 29.491,

171.668

 92, 20.655,
172.779

 94, 11.473,
173.815

 95, 2.086, 174.972

 97, 5.209, 343.821

Harmonies

Complementary

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



86, 63.258, 164.056



54, 76.555, 11.614

Rectangle

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



86, 63.258, 164.056



86, 63.258, 214.056



86, 63.258, 344.056



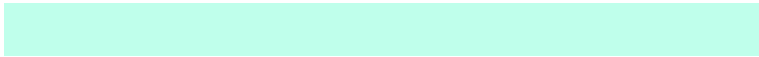
86, 63.258, 34.056

Sweetspot

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



86, 63.258, 164.055



95, 24.070, 172.472



86, 102.388, 131.934



50, 16.333, 172.082



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, 63.258, 164.055



89, 72.222, 160.409



77, 40.369, 226.739



50, 5.379, 174.092



67, 56.850, 160.653



21, 23.980, 164.011

Inverse Universe

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



54, 76.555, 11.614



54, 87.197, 20.409



57, 81.501, 41.781



48, 5.521, 355.759



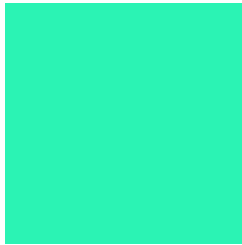
39, 68.748, 19.754



9, 29.649, 10.226

Previews

White Background



This preview shows how the CIE LCh color 86, 63.258, 164.056 looks on a white background.

Color Contrast Check

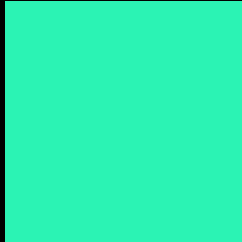
Large Text (above 18pt) WCAG AA × Fail

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, 63.258, 164.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

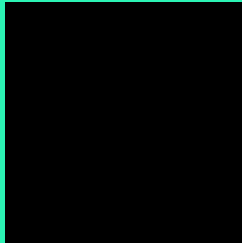
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 63.258, 164.056

Background



This preview shows how black text looks on a background with the CIELCh color 86, 63.258, 164.056.

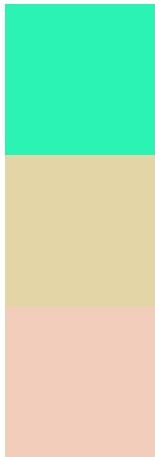


This preview shows how white text looks on a background with the CIELCh color 86, 63.258, 164.056.

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



Original Color
86, 63.258, 164.056

Protanopia
85, 25.132, 95.351

Deuteranopia
85, 17.244, 51.161



Tritanopia
86, 38.891, 212.115

Trichromacy



Original Color
86, 63.258, 164.056



Protanomaly
84, 36.435, 147.444



Deuteranomaly
83, 25.367, 152.817

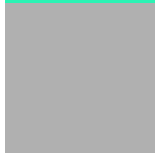


Tritanomaly
86, 44.512, 188.983

Monochromacy



Original Color
86, 63.258, 164.056



Achromatopsia
72, 0.009, 296.813



Achromatomaly
75, 28.032, 170.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 63.258, 164.056 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(43, 243, 180)` looks like.

```
.text, #text, p{  
    color:rgb(43, 243, 180)  
}
```

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(43, 243, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 243, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 63.258, 164.056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

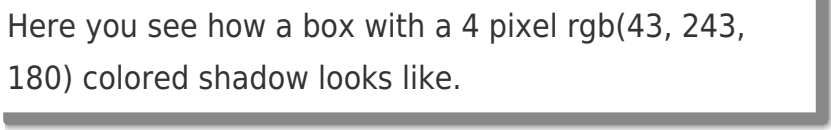
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 243, 180) }
```

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

```
.border{ border-color:rgb(43, 243, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(43, 243, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 243, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 243, 180);  
box-shadow:4px 4px 4px 4px rgb(43, 243,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 63.258, 164.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 243, 180) }
```

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

```
.background{ background-color: rgb(43, 243,  
180) }
```

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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