

Converting Colors

CIELCh(86, 34.785, 185.372)

Have a look what the booklet for
CIELCh(86, 34.785, 185.372)
contains.

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Color

CIELCh(86, 34.650, 185.651)

Conversions

Conversions Part 1

Format	Color
Hex	7CE9DC
RGB	124, 233, 220
RGB Percent	49%, 91%, 86%
CMY	0.5122, 0.0848, 0.1358
CMYK	0.47, 0.00, 0.06, 0.08
HSL	173°, 72%, 70%
HSV	173°, 47%, 92%
XYZ	50.5768, 67.9871, 78.4191
YIQ	198.9270, -60.7910, -27.1510

Conversions

Conversions Part 2

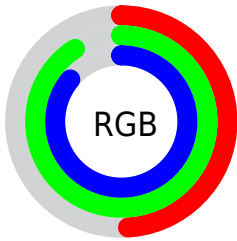
Format	Color
RYB	124, 182, 233
Decimal	8186332
CIELab	86.00, -34.48, -3.41
CIELCh	86, 34.650, 185.651
Yxy	67.9871, 0.2568, 0.3451
Android (android.graphics.Color)	4286376412 (0xFF7CE9DC)
YUV	198.9270, 10.3890, -65.7110
Hunter-Lab	82.4543, -34.8045, 1.3295

Details

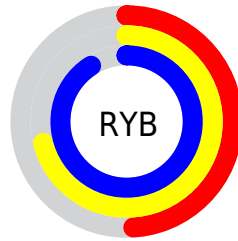
The CIELCh color **86, 34.650, 185.651** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **65, 44.881, 15.686**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **66, 34.767, 185.453** is the 20% darker color. If you saturate the color by 10%, you get **85, 40.127, 184.701**, and if you desaturate by 10%, it is **87, 28.323, 186.551**.

Distribution



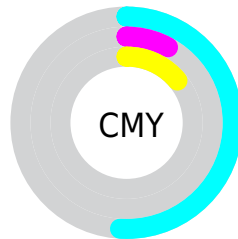
- Red (49%)
- Green (91%)
- Blue (86%)



- Red (49%)
- Yellow (71%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (51%)
- Magenta (8%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 34.650, 185.651 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, 34.650, 185.651 by changing the saturation by 10% instead.


 86, 34.650,
185.651


 86, 34.650,
185.651


 100, 34.650,
185.651


 76, 34.650,
185.651

 66, 34.650,
185.651

 56, 34.650,
185.651

 46, 34.650,
185.651

 36, 34.650,
185.651


 26, 34.650,
185.651


 16, 34.650,


185.651


 6, 34.650, 185.651

 0, 34.650, 185.651


 86, 34.650,
185.651

 86, 34.650,
185.651


 85, 40.127,
184.701


 87, 28.323,
186.551

 84, 44.650,
183.688

 88, 21.275,
187.420

 84, 48.167,
182.593

 90, 13.649,
188.272

 84, 50.688,
181.393

 91, 5.583, 189.150

 83, 52.312,

 93, 2.792, 9.629

180.076

94, 8.000, 6.170

83, 52.744,
179.631

94, 8.434, 356.697

94, 9.079, 348.371

94, 9.892, 341.296

Harmonies

Complementary

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



86, 34.650, 185.651



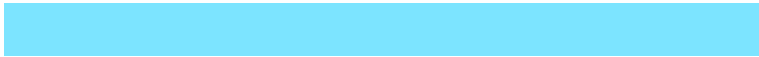
65, 44.881, 15.686

Rectangle

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



86, 34.650, 185.651



86, 34.650, 235.651



86, 34.650, 5.651



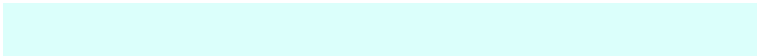
86, 34.650, 55.651

Sweetspot

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



86, 34.650, 185.649



97, 12.362, 188.496



85, 65.711, 137.760



52, 8.495, 188.311



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, 34.650, 185.649



92, 42.677, 184.743



75, 28.896, 247.116



48, 4.730, 188.896



66, 43.513, 179.870



19, 18.264, 182.046

Inverse Universe

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



65, 44.881, 15.686



65, 58.625, 17.958



73, 37.309, 55.877



46, 4.956, 10.333



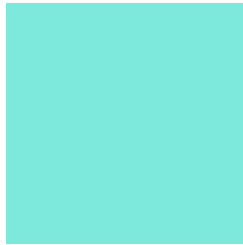
38, 75.713, 34.729



7, 28.095, 17.824

Previews

White Background



This preview shows how the CIELCh color 86, 34.650, 185.651 looks on a white background.

Color Contrast Check

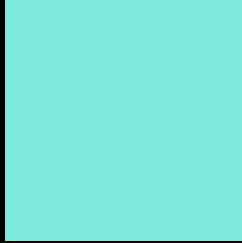
Large Text (above 18pt) WCAG AA × Fail

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, 34.650, 185.651 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

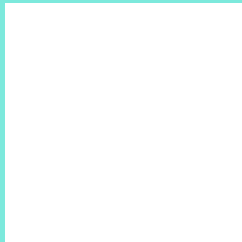
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 34.650, 185.651

Background



This preview shows how black text looks on a background with the CIELCh color 86, 34.650, 185.651.

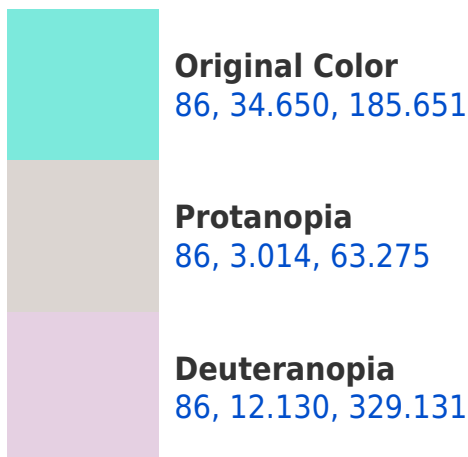



This preview shows how white text looks on a background with the CIELCh color 86, 34.650, 185.651.

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, 29.658, 217.520

Trichromacy



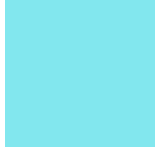
Original Color
86, 34.650, 185.651



Protanomaly
85, 12.857, 181.854



Deuteranomaly
85, 9.596, 221.520

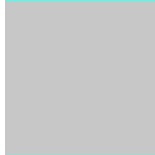


Tritanomaly
86, 30.469, 204.447

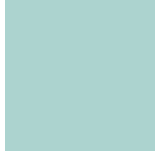
Monochromacy



Original Color
86, 34.650, 185.651



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 13.780, 189.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 34.650, 185.651 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(124, 233, 220)` looks like.

```
.text, #text, p{  
    color:rgb(124, 233, 220)  
}
```

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(124, 233, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 233, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 34.650, 185.651 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(124, 233, 220) }
```

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

```
.border{ border-color:rgb(124, 233, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 233, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 233, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 233, 220);  
box-shadow:4px 4px 4px 4px rgb(124, 233,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 34.650, 185.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 233, 220) }
```

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

```
.background{ background-color: rgb(124,  
233, 220) }
```

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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