

Converting Colors

CIELCh(86, 35.850, 162.304)

Have a look what the booklet for
CIELCh(86, 35.850, 162.304)
contains.

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Color

CIELCh(86, 35.872, 162.286)

Conversions

Conversions Part 1

Format	Color
Hex	93E8C1
RGB	147, 232, 193
RGB Percent	58%, 91%, 76%
CMY	0.4223, 0.0889, 0.2419
CMYK	0.37, 0.00, 0.17, 0.09
HSL	152°, 65%, 74%
HSV	152°, 37%, 91%
XYZ	50.6932, 67.9871, 61.0811
YIQ	202.1390, -38.1410, -30.1490

Conversions

Conversions Part 2

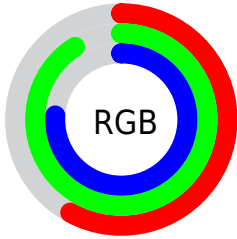
Format	Color
RYB	147, 202, 232
Decimal	9693377
CIELab	86.00, -34.17, 10.91
CIElCh	86, 35.872, 162.286
Yxy	67.9871, 0.2820, 0.3782
Android (android.graphics.Color)	4287883457 (0xFF93E8C1)
YUV	202.1390, -4.5055, -48.3569
Hunter-Lab	82.4543, -34.5526, 13.7967

Details

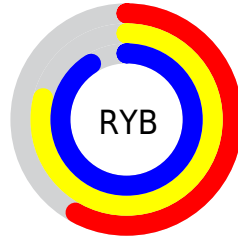
The CIELCh color **86, 35.872, 162.286** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71, 37.893, 349.691**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.720, 188.285**, and **66, 36.134, 161.991** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.935, 160.998**, and if you desaturate by 10%, it is **87, 26.352, 163.432**.

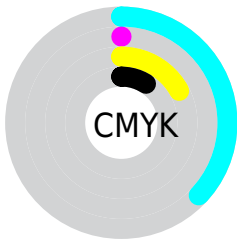
Distribution



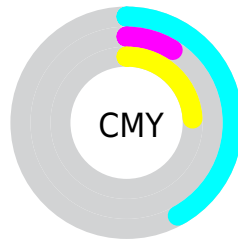
- Red (58%)
- Green (91%)
- Blue (76%)



- Red (58%)
- Yellow (79%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)





- Cyan (42%)
- Magenta (9%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 35.872, 162.286 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, 35.872, 162.286 by changing the saturation by 10% instead.


 86, 35.872,
162.286


 86, 35.872,
162.286


 100, 35.872,
162.286


 76, 35.872,
162.286

 66, 35.872,
162.286

 56, 35.872,
162.286

 46, 35.872,
162.286

 36, 35.872,
162.286


 26, 35.872,
162.286


 16, 35.872,


162.286

 6, 35.872, 162.286

 0, 35.872, 162.286


 86, 35.872,
162.286


 86, 35.872,
162.286

 85, 44.935,
160.998


 87, 26.352,
163.432

 84, 53.366,
159.544


 89, 16.537,
164.465

 83, 61.012,
157.899

 91, 6.577, 165.432

 82, 67.759,
156.043

 93, 3.403, 346.063

 94, 10.920,
337.864

 82, 73.564,

153.971

94, 14.162,
324.912

82, 78.478,
151.707

82, 80.036,
150.937

Harmonies

Complementary

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



86, 35.872, 162.286



71, 37.893, 349.691

Rectangle

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



86, 35.872, 162.286



86, 35.872, 212.286



86, 35.872, 342.286



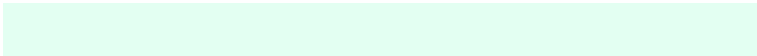
86, 35.872, 32.286

Sweetspot

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



86, 35.873, 162.285



98, 11.837, 165.002



87, 46.877, 128.520



52, 7.952, 164.871



0, 0.000, 0.000



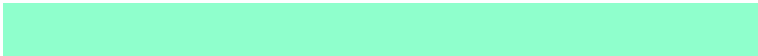
53, 0.007, 296.813

Same Dimension

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



86, 35.873, 162.285



92, 45.966, 161.317



86, 25.951, 201.016



48, 5.714, 165.153



65, 65.876, 151.341



19, 26.148, 155.329

Inverse Universe

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



71, 37.893, 349.691



73, 49.007, 350.756



70, 33.763, 25.188



46, 5.801, 346.702



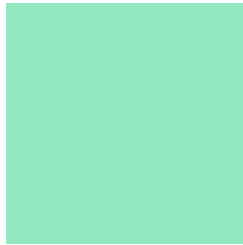
39, 65.288, 5.867



8, 28.270, 358.397

Previews

White Background



This preview shows how the CIELCh color 86, 35.872, 162.286 looks on a white background.

Color Contrast Check

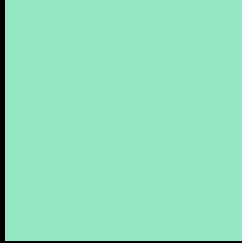
Large Text (above 18pt) WCAG AA × Fail

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, 35.872, 162.286 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, 35.872, 162.286

Background



This preview shows how black text looks on a background with the CIELCh color 86, 35.872, 162.286.

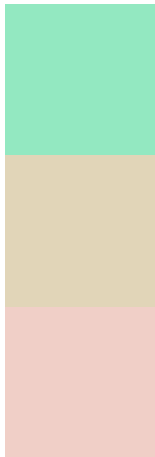


This preview shows how white text looks on a background with the CIELCh color 86, 35.872, 162.286.

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, 35.872, 162.286

Protanopia
86, 15.839, 91.974

Deuteranopia
86, 13.182, 38.647



Tritanopia
86, 22.481, 223.208

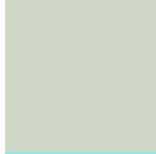
Trichromacy



Original Color
86, 35.872, 162.286



Protanomaly
85, 19.308, 134.982



Deuteranomaly
85, 10.640, 129.614

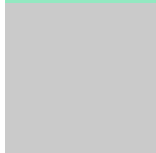


Tritanomaly
86, 23.876, 193.992

Monochromacy



Original Color
86, 35.872, 162.286



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 13.455, 165.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 35.872, 162.286 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(147, 232, 193)` looks like.

```
.text, #text, p{  
    color:rgb(147, 232, 193)  
}
```

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(147, 232, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 232, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 35.872, 162.286 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(147, 232, 193) }
```

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

```
.border{ border-color:rgb(147, 232, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 232, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 232, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 232, 193);  
box-shadow:4px 4px 4px 4px rgb(147, 232,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 35.872, 162.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 232, 193) }
```

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

```
.background{ background-color: rgb(147,  
232, 193) }
```

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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