

Converting Colors

CIELCh(86, 32.447, 168.683)

Have a look what the booklet for
CIELCh(86, 32.447, 168.683)
contains.

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Color

CIELCh(86, 32.708, 168.418)

Conversions

Conversions Part 1

Format	Color
Hex	94E8CA
RGB	148, 232, 202
RGB Percent	58%, 91%, 79%
CMY	0.4212, 0.0918, 0.2094
CMYK	0.36, 0.00, 0.13, 0.09
HSL	159°, 64%, 74%
HSV	159°, 36%, 91%
XYZ	51.4959, 67.9871, 66.0396
YIQ	203.4640, -40.4340, -27.1380

Conversions

Conversions Part 2

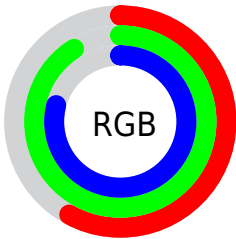
Format	Color
RYB	148, 199, 232
Decimal	9758922
CIELab	86.00, -32.04, 6.57
CIELCh	86, 32.708, 168.418
Yxy	67.9871, 0.2776, 0.3665
Android (android.graphics.Color)	4287949002 (0xFF94E8CA)
YUV	203.4640, -0.7218, -48.6419
Hunter-Lab	82.4543, -32.8148, 10.2312

Details

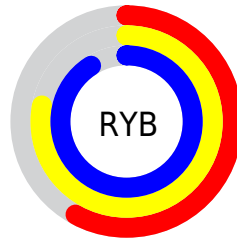
The CIELCh color **86, 32.708, 168.418** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70, 35.671, 356.249**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **66, 32.759, 168.429** is the 20% darker color. If you saturate the color by 10%, you get **85, 40.849, 167.137**, and if you desaturate by 10%, it is **87, 24.057, 169.573**.

Distribution



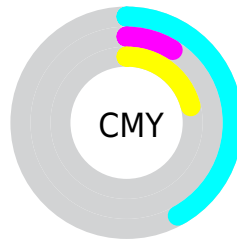
- Red (58%)
- Green (91%)
- Blue (79%)



- Red (58%)
- Yellow (78%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)





- Cyan (42%)
- Magenta (9%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 32.708, 168.418 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, 32.708, 168.418 by changing the saturation by 10% instead.


 86, 32.708,
168.418


 86, 32.708,
168.418


 100, 32.708,
168.418


 76, 32.708,
168.418

 66, 32.708,
168.418

 56, 32.708,
168.418

 46, 32.708,
168.418

 36, 32.708,
168.418


 26, 32.708,
168.418

 16, 32.708,


168.418


 6, 32.708, 168.418

 0, 32.708, 168.418


 86, 32.708,
168.418


 86, 32.708,
168.418

 85, 40.849,
167.137


 87, 24.057,
169.573

 84, 48.319,
165.710


 89, 15.048,
170.634

 83, 54.984,
164.109

 91, 5.826, 171.649

 82, 60.748,
162.310

 93, 3.488, 352.306

 94, 10.199,
345.190

 82, 65.585,

160.301

94, 13.075,
329.749

82, 69.562,
158.091

94, 14.619,
324.928

82, 70.923,
157.258

Harmonies

Complementary

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



86, 32.708, 168.418



70, 35.671, 356.249

Rectangle

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



86, 32.708, 168.418



86, 32.708, 218.418



86, 32.708, 348.418



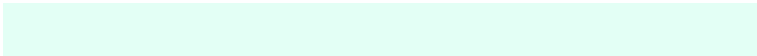
86, 32.708, 38.418

Sweetspot

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



86, 32.709, 168.417



98, 11.039, 171.160



87, 47.674, 131.874



52, 7.412, 171.023



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, 32.709, 168.417



93, 42.206, 167.409



84, 23.524, 212.595



47, 5.237, 171.322



64, 57.942, 157.676



18, 22.719, 161.752

Inverse Universe

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



70, 35.671, 356.249



72, 46.886, 357.535



72, 30.724, 33.202



45, 5.355, 352.958



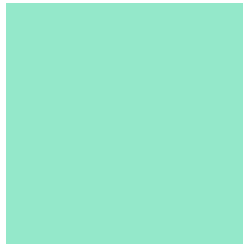
38, 65.550, 15.652



7, 26.759, 5.112

Previews

White Background



This preview shows how the CIELCh color 86, 32.708, 168.418 looks on a white background.

Color Contrast Check

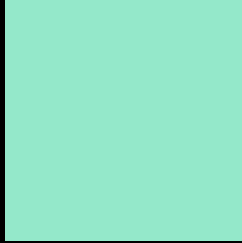
Large Text (above 18pt) WCAG AA × Fail

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, 32.708, 168.418 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

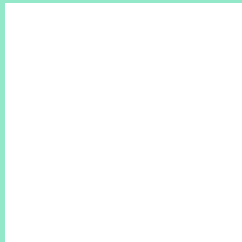
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 32.708, 168.418

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.708, 168.418.

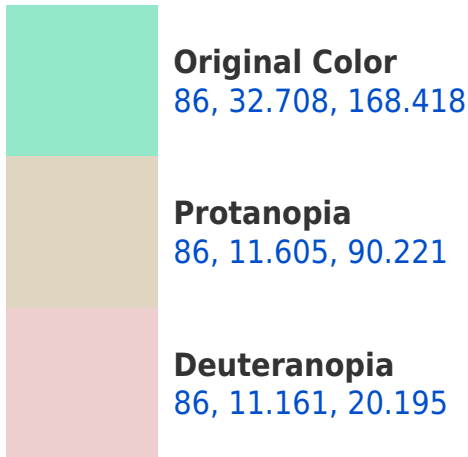


This preview shows how white text looks on a background with the CIELCh color 86, 32.708, 168.418.

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



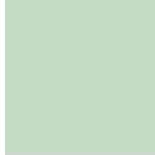


Tritanopia
86, 23.223, 222.297

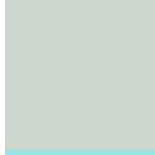
Trichromacy



Original Color
86, 32.708, 168.418



Protanomaly
85, 15.845, 142.743



Deuteranomaly
85, 7.269, 146.486

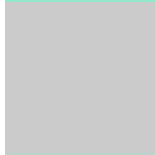


Tritanomaly
86, 23.832, 199.096

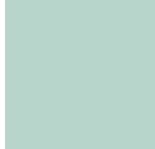
Monochromacy



Original Color
86, 32.708, 168.418



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 12.272, 170.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.708, 168.418 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(148, 232, 202)` looks like.

```
.text, #text, p{  
    color:rgb(148, 232, 202)  
}
```

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(148, 232, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 232, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.708, 168.418 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(148, 232, 202) }
```

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

```
.border{ border-color:rgb(148, 232, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 232, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 232, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 232, 202);  
box-shadow:4px 4px 4px 4px rgb(148, 232,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.708, 168.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 232, 202) }
```

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

```
.background{ background-color: rgb(148,  
232, 202) }
```

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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