

Converting Colors

CIELCh(85, 36.085, 160.163)

Have a look what the booklet for
CIELCh(85, 36.085, 160.163)
contains.

CIELCh(85, 35.905, 160.185)	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(85, 35.905, 160.185)

Conversions

Conversions Part 1

Format	Color
Hex	93E5BC
RGB	147, 229, 188
RGB Percent	58%, 90%, 74%
CMY	0.4228, 0.1012, 0.2620
CMYK	0.36, 0.00, 0.18, 0.10
HSL	150°, 61%, 74%
HSV	150°, 36%, 90%
XYZ	49.2377, 66.0070, 57.8292
YIQ	199.8080, -35.7110, -30.1350

Conversions

Conversions Part 2

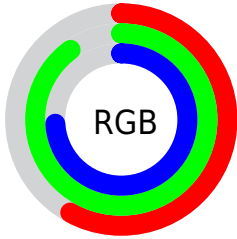
Format	Color
RYB	147, 202, 229
Decimal	9692604
CIELab	85.00, -33.78, 12.17
CIELCh	85, 35.905, 160.185
Yxy	66.0070, 0.2845, 0.3814
Android (android.graphics.Color)	4287882684 (0xFF93E5BC)
YUV	199.8080, -5.8213, -46.3126
Hunter-Lab	81.2447, -33.9996, 14.6692

Details

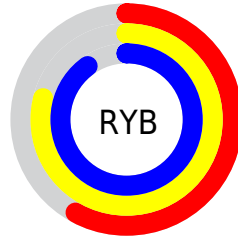
The CIELCh color **85, 35.905, 160.185** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70, 37.499, 347.127**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.541, 180.507**, and **65, 35.655, 160.292** is the 20% darker color. If you saturate the color by 10%, you get **84, 45.291, 158.922**, and if you desaturate by 10%, it is **86, 26.100, 161.303**.

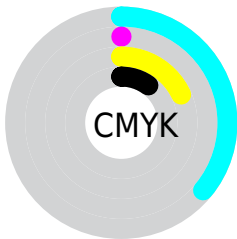
Distribution



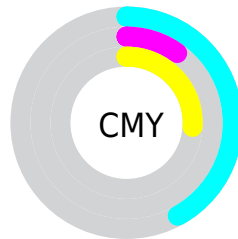
- Red (58%)
- Green (90%)
- Blue (74%)



- Red (58%)
- Yellow (79%)
- Blue (90%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)





- Cyan (42%)
- Magenta (10%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 35.905, 160.185 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 85, 35.905, 160.185 by changing the saturation by 10% instead.


 85, 35.905,
160.185


 85, 35.905,
160.185


 100, 35.905,
160.185


 75, 35.905,
160.185

 65, 35.905,
160.185

 55, 35.905,
160.185

 45, 35.905,
160.185

 35, 35.905,
160.185

 25, 35.905,
160.185

 15, 35.905,

160.185

■ 5, 35.905, 160.185

■ 0, 35.905, 160.185

■ 85, 35.905,
160.185

■ 85, 35.905,
160.185

■ 84, 45.291,
158.922

■ 86, 26.100,
161.303

■ 83, 54.078,
157.491

■ 88, 16.039,
162.307

■ 82, 62.103,
155.867

■ 90, 5.871, 163.247

■ 81, 69.242,
154.032

■ 92, 4.283, 343.872

■ 93, 12.449,
337.900

■ 81, 75.430,

151.983

94, 16.122,
324.982

80, 80.699,
149.743

80, 82.741,
148.795

Harmonies

Complementary

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



85, 35.905, 160.185



70, 37.499, 347.127

Rectangle

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



85, 35.905, 160.185



85, 35.905, 210.185



85, 35.905, 340.185



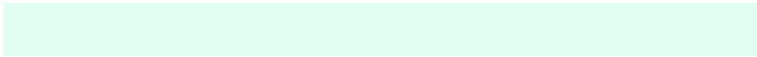
85, 35.905, 30.185

Sweetspot

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



85, 35.906, 160.184



98, 12.193, 162.751



87, 44.769, 126.786



52, 8.193, 162.624



0, 0.000, 0.000



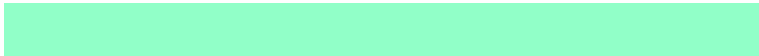
53, 0.007, 296.813

Same Dimension

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



85, 35.906, 160.184



92, 46.576, 159.256



86, 26.199, 196.078



47, 5.779, 162.900



64, 68.055, 149.203



18, 26.271, 153.427

Inverse Universe

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



70, 37.499, 347.127



73, 48.971, 348.084



69, 33.415, 21.452



45, 5.853, 344.395



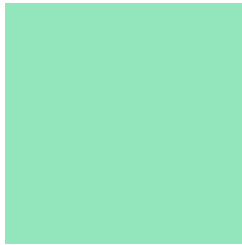
38, 64.860, 1.876



7, 27.613, 354.927

Previews

White Background



This preview shows how the CIELCh color 85, 35.905, 160.185 looks on a white background.

Color Contrast Check

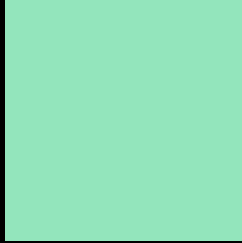
Large Text (above 18pt) WCAG AA × Fail

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 85, 35.905, 160.185 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 85, 35.905, 160.185

Background



This preview shows how black text looks on a background with the CIELCh color 85, 35.905, 160.185.

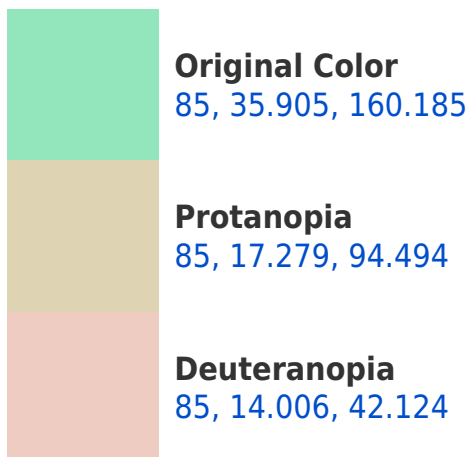


This preview shows how white text looks on a background with the CIELCh color 85, 35.905, 160.185.

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



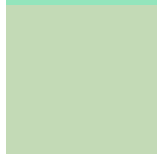


Tritanopia
85, 21.747, 224.218

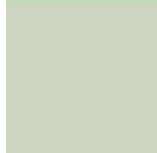
Trichromacy



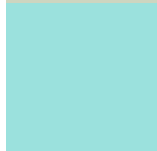
Original Color
85, 35.905, 160.185



Protanomaly
85, 20.761, 133.053



Deuteranomaly
84, 11.432, 124.317



Tritanomaly
85, 23.154, 192.579

Monochromacy



Original Color
85, 35.905, 160.185



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 13.514, 162.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 35.905, 160.185 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, 229, 188)` looks like.

```
.text, #text, p{  
    color:rgb(147, 229, 188)  
}
```

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, 229, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 229, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 35.905, 160.185 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, 229, 188) }
```

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

```
.border{ border-color:rgb(147, 229, 188) }
```

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

Here you see how a box with a 4 pixel rgb(147, 229, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 229, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 229, 188);  
box-shadow:4px 4px 4px 4px rgb(147, 229,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 35.905, 160.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 229, 188) }
```

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

```
.background{ background-color: rgb(147,  
229, 188) }
```

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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