

Converting Colors

CIELCh(85, 33.327, 160.475)

Have a look what the booklet for
CIELCh(85, 33.327, 160.475)
contains.

CIELCh(85, 33.394, 160.475)	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, 33.394, 160.475)

Conversions

Conversions Part 1

Format	Color
Hex	98E4BE
RGB	152, 228, 190
RGB Percent	60%, 89%, 75%
CMY	0.4032, 0.1051, 0.2542
CMYK	0.33, 0.00, 0.17, 0.11
HSL	150°, 59%, 75%
HSV	150°, 33%, 89%
XYZ	50.0907, 66.0070, 58.9182
YIQ	200.9440, -33.0980, -27.9300

Conversions

Conversions Part 2

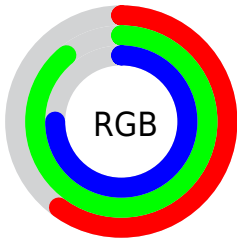
Format	Color
RYB	152, 203, 228
Decimal	10020030
CIELab	85.00, -31.47, 11.16
CIELCh	85, 33.394, 160.475
Yxy	66.0070, 0.2862, 0.3771
Android (android.graphics.Color)	4288210110 (0xFF98E4BE)
YUV	200.9440, -5.3954, -42.9239
Hunter-Lab	81.2447, -32.1257, 13.8745

Details

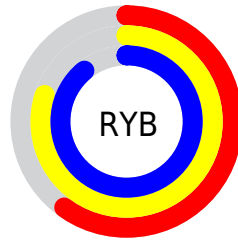
The CIELCh color **85, 33.394, 160.475** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 34.785, 346.831**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.642, 182.261**, and **65, 33.139, 160.820** is the 20% darker color. If you saturate the color by 10%, you get **84, 42.867, 159.250**, and if you desaturate by 10%, it is **86, 23.546, 161.562**.

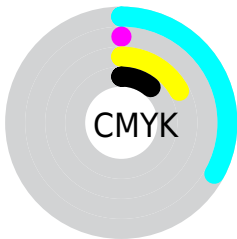
Distribution



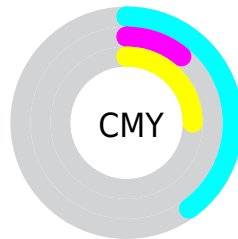
- Red (60%)
- Green (89%)
- Blue (75%)



- Red (60%)
- Yellow (80%)
- Blue (89%)



- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)





- Cyan (40%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 33.394, 160.475 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, 33.394, 160.475 by changing the saturation by 10% instead.


 85, 33.394,
160.475


 85, 33.394,
160.475


 100, 33.394,
160.475


 75, 33.394,
160.475

 65, 33.394,
160.475

 55, 33.394,
160.475

 45, 33.394,
160.475

 35, 33.394,
160.475


 25, 33.394,
160.475


 15, 33.394,


160.475


 5, 33.394, 160.475


 0, 33.394, 160.475


 85, 33.394,
160.475


 85, 33.394,
160.475

 84, 42.867,
159.250


 86, 23.546,
161.562

 83, 51.786,
157.864


 88, 13.482,
162.541

 82, 59.985,
156.290

 90, 3.344, 163.511

 81, 67.327,
154.510

 92, 6.754, 344.098

 93, 13.685,
334.560

 81, 73.730,

152.513

93, 16.758,
325.005

80, 79.200,
150.317

80, 82.455,
148.802

Harmonies

Complementary

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



85, 33.394, 160.475



71, 34.785, 346.831

Rectangle

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



85, 33.394, 160.475



85, 33.394, 210.475



85, 33.394, 340.475



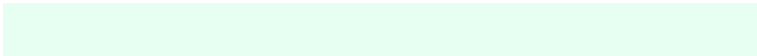
85, 33.394, 30.475

Sweetspot

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



85, 33.395, 160.474



98, 11.084, 162.844



87, 41.587, 126.907



52, 7.563, 162.713



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, 33.395, 160.474



93, 43.521, 159.641



86, 24.555, 196.200



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.



71, 34.785, 346.831



75, 45.645, 347.684



70, 30.733, 21.098



45, 5.853, 344.395



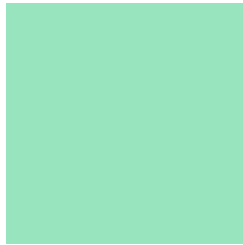
38, 64.860, 1.876



7, 27.613, 354.927

Previews

White Background



This preview shows how the CIELCh color 85, 33.394, 160.475 looks on a white background.

Color Contrast Check

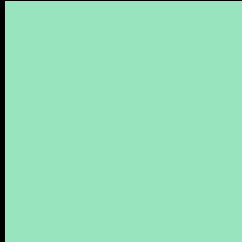
Large Text (above 18pt) WCAG AA × Fail

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, 33.394, 160.475 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

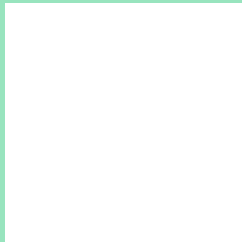
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 33.394, 160.475

Background



This preview shows how black text looks on a background with the CIELCh color 85, 33.394, 160.475.

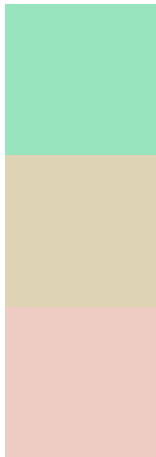


This preview shows how white text looks on a background with the CIELCh color 85, 33.394, 160.475.

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
85, 33.394, 160.475

Protanopia
85, 16.265, 93.727

Deuteranopia
85, 13.791, 40.168



Tritanopia
85, 20.492, 226.032

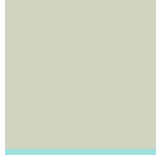
Trichromacy



Original Color
85, 33.394, 160.475



Protanomaly
84, 18.872, 132.035



Deuteranomaly
84, 10.737, 121.273

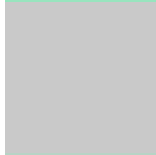


Tritanomaly
85, 21.603, 193.716

Monochromacy



Original Color
85, 33.394, 160.475



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 12.614, 162.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 33.394, 160.475 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(152, 228, 190)` looks like.

```
.text, #text, p{  
    color:rgb(152, 228, 190)  
}
```

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(152, 228, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 228, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 33.394, 160.475 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(152, 228, 190) }
```

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

```
.border{ border-color:rgb(152, 228, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 228, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 228, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 228, 190);  
box-shadow:4px 4px 4px 4px rgb(152, 228,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 33.394, 160.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 228, 190) }
```

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

```
.background{ background-color: rgb(152,  
228, 190) }
```

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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