

Converting Colors

CIELCh(85, 32.329, 173.135)

Have a look what the booklet for
CIELCh(85, 32.329, 173.135)
contains.

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Color

CIELCh(85, 32.329, 173.135)

Conversions

Conversions Part 1

Format	Color
Hex	8DE5CC
RGB	141, 229, 204
RGB Percent	55%, 90%, 80%
CMY	0.4473, 0.1023, 0.2003
CMYK	0.38, 0.00, 0.11, 0.10
HSL	163°, 63%, 73%
HSV	163°, 38%, 90%
XYZ	49.8590, 66.0070, 67.1912
YIQ	199.8380, -44.4230, -26.4310

Conversions

Conversions Part 2

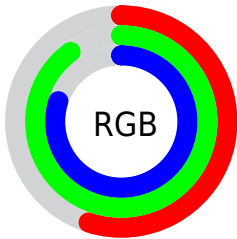
Format	Color
RYB	141, 192, 229
Decimal	9299404
CIELab	85.00, -32.10, 3.86
CIELCh	85, 32.329, 173.135
Yxy	66.0070, 0.2724, 0.3606
Android (android.graphics.Color)	4287489484 (0xFF8DE5CC)
YUV	199.8380, 2.0519, -51.6009
Hunter-Lab	81.2447, -32.6347, 7.8371

Details

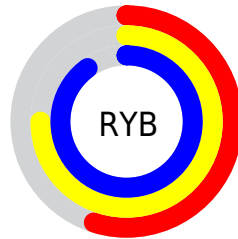
The CIELCh color **85, 32.329, 173.135** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **68, 36.558, 1.729**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **65, 32.151, 173.217** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.640, 171.874**, and if you desaturate by 10%, it is **86, 24.427, 174.283**.

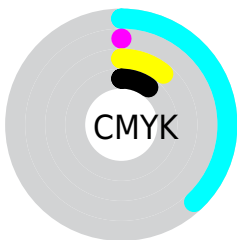
Distribution



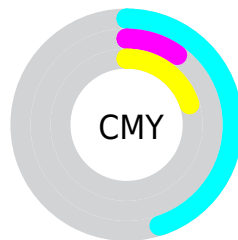
- Red (55%)
- Green (90%)
- Blue (80%)



- Red (55%)
- Yellow (75%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)





- Cyan (45%)
- Magenta (10%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 32.329, 173.135 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, 32.329, 173.135 by changing the saturation by 10% instead.


 85, 32.329,
173.135


 85, 32.329,
173.135


 100, 32.329,
173.135


 75, 32.329,
173.135

 65, 32.329,
173.135

 55, 32.329,
173.135

 45, 32.329,
173.135

 35, 32.329,
173.135


 25, 32.329,
173.135


 15, 32.329,


173.135

 5, 32.329, 173.135


 0, 32.329, 173.135

 85, 32.329,
173.135


 85, 32.329,
173.135

 84, 39.640,
171.874


 86, 24.427,
174.283

 83, 46.212,
170.481


 88, 16.080,
175.348

 82, 51.930,
168.929

 89, 7.433, 176.365

 82, 56.725,
167.193

 91, 1.389, 356.824

 93, 10.148,
357.706

 81, 60.598,

165.260

93, 11.786,
342.466

81, 63.675,
163.148

94, 14.056,
331.602

81, 64.128,
162.821

94, 16.295,
324.988

Harmonies

Complementary

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



85, 32.329, 173.135



68, 36.558, 1.729

Rectangle

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



85, 32.329, 173.135



85, 32.329, 223.135



85, 32.329, 353.135



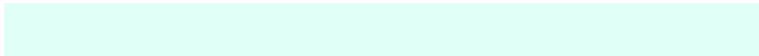
85, 32.329, 43.135

Sweetspot

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



85, 32.330, 173.133



98, 11.500, 175.996



85, 50.998, 133.822



52, 7.619, 175.863



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, 32.330, 173.133



93, 41.353, 172.157



81, 23.571, 221.599



47, 5.008, 176.260



65, 52.927, 163.201



18, 21.005, 167.010

Inverse Universe

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



68, 36.558, 1.729



71, 47.978, 3.149



72, 31.123, 39.396



45, 5.155, 357.915



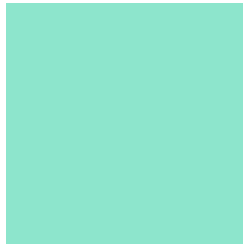
37, 67.567, 22.376



7, 26.647, 9.370

Previews

White Background



This preview shows how the CIELCh color 85, 32.329, 173.135 looks on a white background.

Color Contrast Check

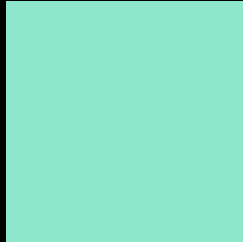
Large Text (above 18pt) WCAG AA × Fail

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, 32.329, 173.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

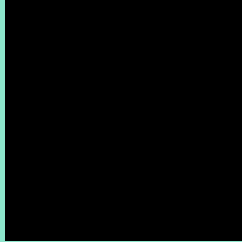
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

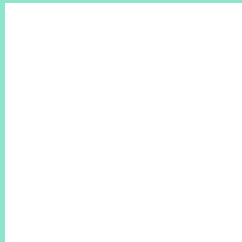
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 32.329, 173.135

Background



This preview shows how black text looks on a background with the CIELCh color 85, 32.329, 173.135.

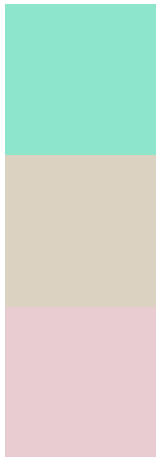


This preview shows how white text looks on a background with the CIELCh color 85, 32.329, 173.135.

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, 32.329, 173.135

Protanopia
85, 9.034, 87.466

Deuteranopia
84, 10.673, 5.990

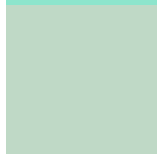


Tritanopia
85, 24.220, 221.241

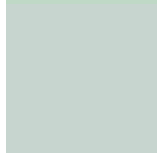
Trichromacy



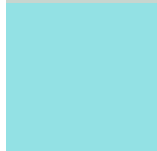
Original Color
85, 32.329, 173.135



Protanomaly
84, 13.828, 152.260



Deuteranomaly
84, 5.984, 167.193



Tritanomaly
85, 24.843, 201.429

Monochromacy



Original Color
85, 32.329, 173.135



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 12.647, 173.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 32.329, 173.135 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(141, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(141, 229, 204)  
}
```

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(141, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 229, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 32.329, 173.135 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(141, 229, 204) }
```

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

```
.border{ border-color:rgb(141, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 229, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 229, 204);  
box-shadow:4px 4px 4px 4px rgb(141, 229,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 32.329, 173.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 229, 204) }
```

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

```
.background{ background-color: rgb(141,  
229, 204) }
```

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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