

Converting Colors

CIELCh(83, 25.323, 186.735)

Have a look what the booklet for
CIELCh(83, 25.323, 186.735)
contains.

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Color

CIElCh(83, 25.323, 186.735)

Conversions

Conversions Part 1

Format	Color
Hex	91DCD3
RGB	145, 220, 211
RGB Percent	57%, 86%, 83%
CMY	0.4299, 0.1357, 0.1711
CMYK	0.34, 0.00, 0.04, 0.14
HSL	173°, 52%, 72%
HSV	173°, 34%, 86%
XYZ	49.2415, 62.1629, 71.2796
YIQ	196.5490, -41.8110, -18.6990

Conversions

Conversions Part 2

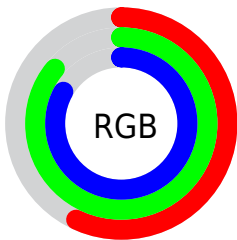
Format	Color
RYB	145, 185, 220
Decimal	9559251
CIELab	83.00, -25.15, -2.97
CIELCh	83, 25.323, 186.735
Yxy	62.1629, 0.2695, 0.3403
Android (android.graphics.Color)	4287749331 (0xFF91DCD3)
YUV	196.5490, 7.1243, -45.2085
Hunter-Lab	78.8435, -26.4944, 1.5884

Details

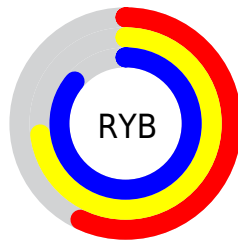
The CIELCh color **83, 25.323, 186.735** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 30.347, 13.303**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **63, 25.244, 186.939** is the 20% darker color. If you saturate the color by 10%, you get **82, 31.573, 185.842**, and if you desaturate by 10%, it is **84, 18.426, 187.594**.

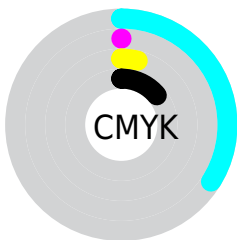
Distribution



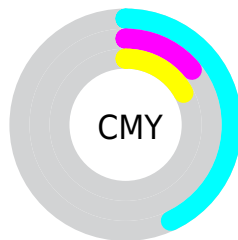
- Red (57%)
- Green (86%)
- Blue (83%)



- Red (57%)
- Yellow (73%)
- Blue (86%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)





- Cyan (43%)
- Magenta (14%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 25.323, 186.735 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 83, 25.323, 186.735 by changing the saturation by 10% instead.


 83, 25.323,
186.735


 83, 25.323,
186.735


 100, 25.323,
186.735


 73, 25.323,
186.735

 63, 25.323,
186.735

 53, 25.323,
186.735

 43, 25.323,
186.735

 33, 25.323,
186.735

 23, 25.323,
186.735

 13, 25.323,

186.735

■ 3, 25.323, 186.735

■ 0, 25.323, 186.735

■ 83, 25.323,
186.735

■ 83, 25.323,
186.735

■ 82, 31.573,
185.842

■ 84, 18.426,
187.594

■ 81, 37.047,
184.909

■ 86, 11.016,
188.443

■ 80, 41.638,
183.916

■ 87, 3.223, 189.378

■ 80, 45.281,
182.846

■ 89, 4.833, 9.876

■ 91, 12.845, 10.553

■ 80, 47.966,

181.678

91, 13.096, 4.646

79, 49.758,
180.395

91, 13.484,
359.025

79, 50.536,
179.592

91, 13.999,
353.775

91, 14.628,
348.945

Harmonies

Complementary

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



83, 25.323, 186.735



68, 30.347, 13.303

Rectangle

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



83, 25.323, 186.735



83, 25.323, 236.735



83, 25.323, 6.735



83, 25.323, 56.735

Sweetspot

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



83, 25.324, 186.732



98, 8.902, 188.785



82, 46.212, 138.746



52, 6.057, 188.662



0, 0.000, 0.000



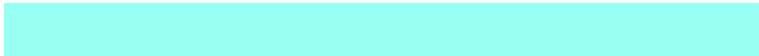
53, 0.007, 296.813

Same Dimension

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



83, 25.324, 186.732



94, 33.446, 186.086



76, 20.799, 244.382



45, 4.477, 188.843



64, 42.159, 179.829



16, 16.538, 182.405

Inverse Universe

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



68, 30.347, 13.303



73, 41.869, 14.542



74, 24.813, 56.836



43, 4.688, 10.269



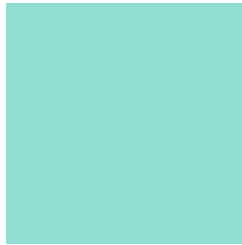
36, 73.165, 34.529



5, 23.723, 15.081

Previews

White Background



This preview shows how the CIE LCh color 83, 25.323, 186.735 looks on a white background.

Color Contrast Check

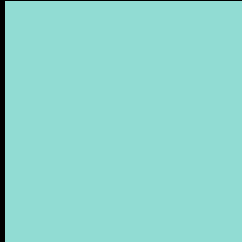
Large Text (above 18pt) WCAG AA × Fail

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 83, 25.323, 186.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

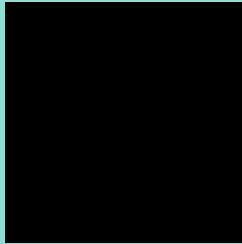
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

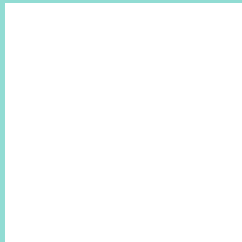
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 25.323, 186.735

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.323, 186.735.



This preview shows how white text looks on a background with the CIELCh color 83, 25.323, 186.735.

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

83, 25.323, 186.735

Protanopia

83, 2.408, 60.294

Deuteranopia

83, 11.416, 332.478



Tritanopia
83, 22.373, 221.987

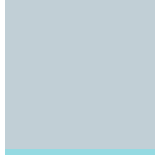
Trichromacy



Original Color
83, 25.323, 186.735



Protanomaly
83, 9.503, 179.219



Deuteranomaly
82, 6.106, 236.656

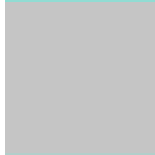


Tritanomaly
83, 22.383, 208.923

Monochromacy



Original Color
83, 25.323, 186.735



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 10.193, 186.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.323, 186.735 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(145, 220, 211)` looks like.

```
.text, #text, p{  
    color:rgb(145, 220, 211)  
}
```

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(145, 220, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 220, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.323, 186.735 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(145, 220, 211) }
```

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

```
.border{ border-color:rgb(145, 220, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 220, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 220, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 220, 211);  
box-shadow:4px 4px 4px 4px rgb(145, 220,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.323, 186.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 220, 211) }
```

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

```
.background{ background-color: rgb(145,  
220, 211) }
```

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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