

Converting Colors

CIELCh(83, 25.036, 206.326)

Have a look what the booklet for
CIELCh(83, 25.036, 206.326)
contains.

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Color

CIELCh(83, 25.036, 206.326)

Conversions

Conversions Part 1

Format	Color
Hex	8DDCE3
RGB	141, 220, 227
RGB Percent	55%, 86%, 89%
CMY	0.4484, 0.1386, 0.1112
CMYK	0.38, 0.03, 0.00, 0.11
HSL	185°, 60%, 72%
HSV	185°, 38%, 89%
XYZ	50.2447, 62.1629, 81.7708
YIQ	197.1770, -49.3310, -14.5710

Conversions

Conversions Part 2

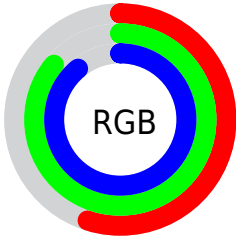
Format	Color
RYB	141, 182, 227
Decimal	9297123
CIELab	83.00, -22.44, -11.10
CIELCh	83, 25.036, 206.326
Yxy	62.1629, 0.2588, 0.3201
Android (android.graphics.Color)	4287487203 (0xFF8DDCE3)
YUV	197.1770, 14.7027, -49.2672
Hunter-Lab	78.8435, -24.2231, -6.3009

Details

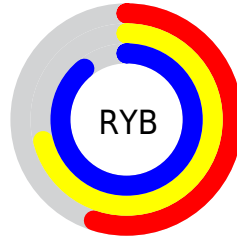
The CIELCh color **83, 25.036, 206.326** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 33.109, 29.005**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **63, 25.129, 206.415** is the 20% darker color. If you saturate the color by 10%, you get **82, 30.073, 206.484**, and if you desaturate by 10%, it is **85, 19.235, 206.307**.

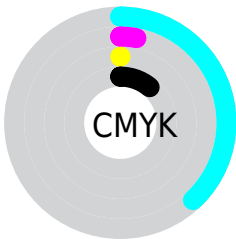
Distribution



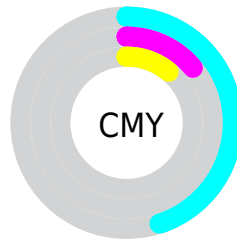
- Red (55%)
- Green (86%)
- Blue (89%)



- Red (55%)
- Yellow (71%)
- Blue (89%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)





- Cyan (45%)
- Magenta (14%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 25.036, 206.326 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, 25.036, 206.326 by changing the saturation by 10% instead.


 83, 25.036,
206.326


 83, 25.036,
206.326


 100, 25.036,
206.326


 73, 25.036,
206.326

 63, 25.036,
206.326

 53, 25.036,
206.326

 43, 25.036,
206.326

 33, 25.036,
206.326

 23, 25.036,
206.326

 13, 25.036,

206.326

■ 3, 25.036, 206.326

■ 0, 25.036, 206.326

■ 83, 25.036,
206.326

■ 83, 25.036,
206.326

■ 82, 30.073,
206.484

■ 85, 19.235,
206.307

■ 80, 34.236,
206.817

■ 86, 12.791,
206.416

■ 79, 37.448,
207.351

■ 88, 5.825, 206.660

■ 78, 39.675,
208.118

■ 91, 1.546, 26.421

■ 93, 9.222, 27.067

■ 77, 40.946,

209.145

93, 9.098, 33.166

77, 41.391,
210.442

94, 8.724, 40.153

77, 41.439,
210.724

94, 8.493, 47.635

95, 8.414, 55.387

Harmonies

Complementary

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



83, 25.036, 206.326



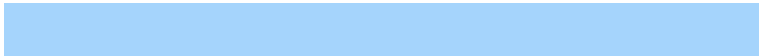
69, 33.109, 29.005

Rectangle

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



83, 25.036, 206.326



83, 25.036, 256.326



83, 25.036, 26.326



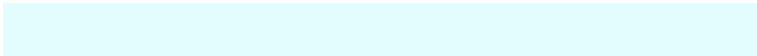
83, 25.036, 76.326

Sweetspot

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



83, 25.036, 206.323



97, 8.806, 206.564



83, 52.390, 143.374



52, 5.894, 206.529



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, 25.036, 206.323



91, 32.034, 206.447



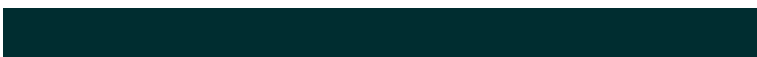
72, 28.476, 268.804



46, 4.116, 206.611



61, 34.338, 210.461



16, 14.292, 207.953

Inverse Universe

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



70, 51.807, 328.894



74, 68.265, 329.360



79, 30.352, 77.271



44, 7.713, 327.231



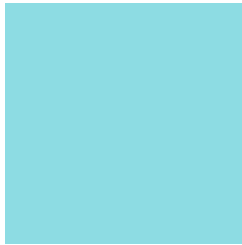
41, 82.098, 331.747



7, 34.016, 331.119

Previews

White Background



This preview shows how the CIE LCh color 83, 25.036, 206.326 looks on a white background.

Color Contrast Check

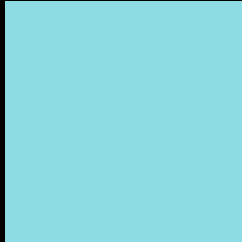
Large Text (above 18pt) WCAG AA × Fail

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, 25.036, 206.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

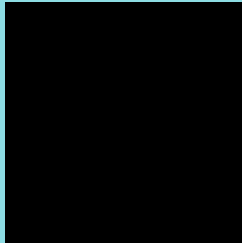
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 25.036, 206.326

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.036, 206.326.

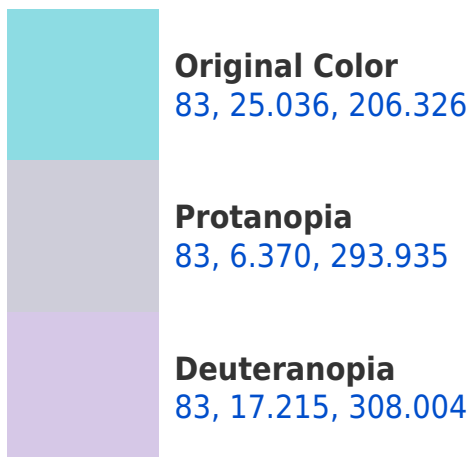


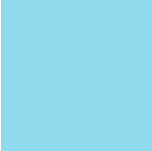
This preview shows how white text looks on a background with the CIELCh color 83, 25.036, 206.326.

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



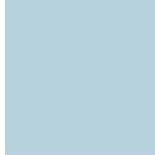


Tritanopia
83, 24.720, 220.804

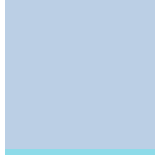
Trichromacy



Original Color
83, 25.036, 206.326



Protanomaly
83, 11.069, 230.718



Deuteranomaly
82, 13.306, 260.608

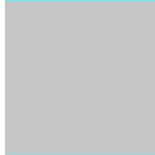


Tritanomaly
83, 24.795, 215.391

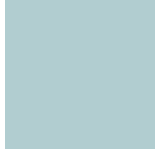
Monochromacy



Original Color
83, 25.036, 206.326



Achromatopsia
80, 0.010, 296.813



Achromatomaly
80, 9.870, 208.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.036, 206.326 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, 220, 227)` looks like.

```
.text, #text, p{  
    color:rgb(141, 220, 227)  
}
```

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, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 220, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.036, 206.326 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, 220, 227) }
```

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

```
.border{ border-color:rgb(141, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(141, 220,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.036, 206.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 220, 227) }
```

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

```
.background{ background-color: rgb(141,  
220, 227) }
```

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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