

Converting Colors

CIELCh(83, 43.622, 203.792)

Have a look what the booklet for
CIELCh(83, 43.622, 203.792)
contains.

CIELCh(83, 43.593, 203.676)	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(83, 43.593, 203.676)

Conversions

Conversions Part 1

Format	Color
Hex	25E4EE
RGB	37, 228, 238
RGB Percent	15%, 89%, 93%
CMY	0.8567, 0.1051, 0.0659
CMYK	0.85, 0.04, 0.00, 0.07
HSL	183°, 86%, 54%
HSV	183°, 85%, 93%
XYZ	44.0037, 62.1629, 90.7182
YIQ	172.0310, -117.0460, -37.3820

Conversions

Conversions Part 2

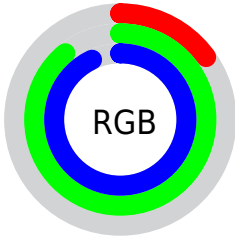
Format	Color
R _Y B	37, 135, 238
Decimal	2483438
CIE Lab	83.00, -39.92, -17.51
CIE LCh	83, 43.593, 203.676
Yxy	62.1629, 0.2235, 0.3157
Android (android.graphics.Color)	4280673518 (0xFF25E4EE)
YUV	172.0310, 32.5227, -118.4222
Hunter-Lab	78.8435, -38.3527, -13.0293

Details

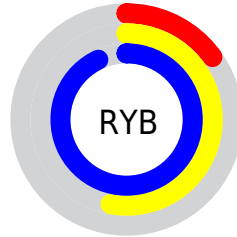
The CIELCh color **83, 43.593, 203.676** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **52, 87.595, 37.070**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.890, 197.097**, and **64, 36.192, 205.561** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.363, 204.340**, and if you desaturate by 10%, it is **84, 41.879, 203.187**.

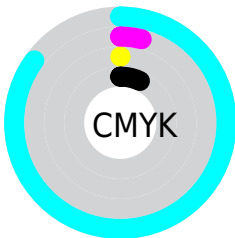
Distribution



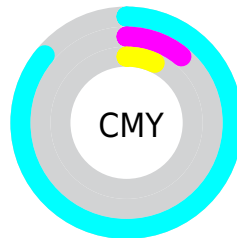
- Red (15%)
- Green (89%)
- Blue (93%)



- Red (15%)
- Yellow (53%)
- Blue (93%)



- Cyan (85%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)





- Cyan (86%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 43.593, 203.676 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, 43.593, 203.676 by changing the saturation by 10% instead.


 83, 43.593,
203.676


 83, 43.593,
203.676


 100, 43.593,
203.676


 73, 43.593,
203.676

 63, 43.593,
203.676

 53, 43.593,
203.676

 43, 43.593,
203.676

 33, 43.593,
203.676

 23, 43.593,
203.676

 13, 43.593,

203.676

■ 3, 43.593, 203.676

■ 0, 43.593, 203.676

■ 83, 43.593,
203.676

■ 83, 43.593,
203.676

■ 82, 44.363,
204.340

■ 84, 41.879,
203.187

■ 82, 44.513,
204.750

■ 84, 39.135,
202.869

■ 85, 35.349,
202.705

■ 87, 30.570,
202.680

■ 88, 24.890,

202.776

■ 90, 18.431,
202.978

■ 91, 11.324,
203.277

■ 93, 3.698, 203.738

■ 95, 4.323, 23.820

Harmonies

Complementary

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



83, 43.593, 203.676



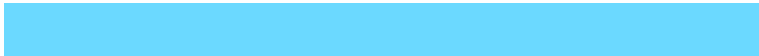
52, 87.595, 37.070

Rectangle

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



83, 43.593, 203.676



83, 43.593, 253.676



83, 43.593, 23.676



83, 43.593, 73.676

Sweetspot

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



83, 43.592, 203.675



95, 19.713, 202.968



83, 107.400, 137.176



50, 13.271, 202.887



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, 43.592, 203.675



87, 46.859, 204.783



55, 62.719, 281.219



49, 4.474, 203.478



65, 36.657, 204.604



19, 16.136, 203.389

Inverse Universe

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



57, 101.869, 329.937



60, 111.076, 330.350



68, 72.115, 66.825



47, 8.323, 326.308



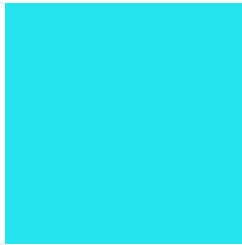
43, 86.857, 330.306



10, 38.122, 330.004

Previews

White Background



This preview shows how the CIE LCh color 83, 43.593, 203.676 looks on a white background.

Color Contrast Check

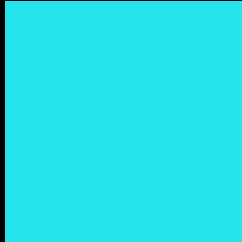
Large Text (above 18pt) WCAG AA × Fail

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, 43.593, 203.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

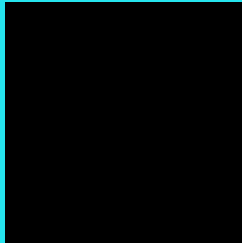
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 43.593, 203.676

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.593, 203.676.

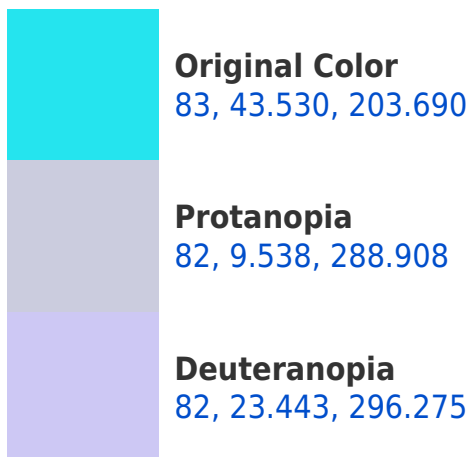


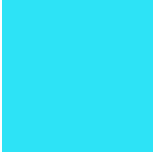
This preview shows how white text looks on a background with the CIELCh color 83, 43.593, 203.676.

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



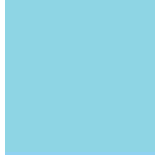


Tritanopia
83, 42.396, 210.683

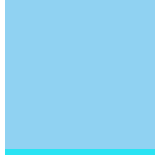
Trichromacy



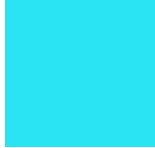
Original Color
83, 43.530, 203.690



Protanomaly
81, 23.400, 218.039



Deuteranomaly
81, 25.729, 240.053

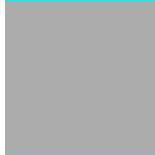


Tritanomaly
83, 42.690, 208.319

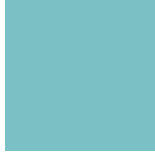
Monochromacy



Original Color
83, 43.530, 203.690



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 22.495, 203.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.593, 203.676 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(37, 228, 238)` looks like.

```
.text, #text, p{  
    color:rgb(37, 228, 238)  
}
```

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(37, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 228, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.593, 203.676 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(37, 228, 238) }
```

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

```
.border{ border-color:rgb(37, 228, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(37, 228,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.593, 203.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 228, 238) }
```

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

```
.background{ background-color: rgb(37, 228,  
238) }
```

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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