

Converting Colors

CIELCh(83, 41.113, 183.087)

Have a look what the booklet for
CIELCh(83, 41.113, 183.087)
contains.

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Color

CIELCh(83, 41.191, 183.169)

Conversions

Conversions Part 1

Format	Color
Hex	5CE4D2
RGB	92, 228, 210
RGB Percent	36%, 89%, 82%
CMY	0.6409, 0.1074, 0.1779
CMYK	0.60, 0.00, 0.08, 0.11
HSL	172°, 71%, 63%
HSV	172°, 60%, 89%
XYZ	43.5940, 62.1629, 70.4300
YIQ	185.2840, -75.2780, -34.4300

Conversions

Conversions Part 2

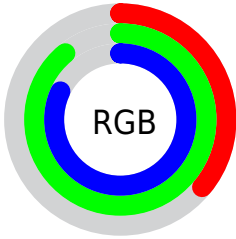
Format	Color
RYB	92, 165, 228
Decimal	6087890
CIELab	83.00, -41.13, -2.28
CIELCh	83, 41.191, 183.169
Yxy	62.1629, 0.2474, 0.3528
Android (android.graphics.Color)	4284277970 (0xFF5CE4D2)
YUV	185.2840, 12.1850, -81.8101
Hunter-Lab	78.8435, -39.2803, 2.2273

Details

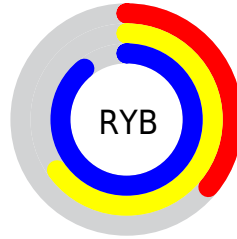
The CIELCh color **83, 41.191, 183.169** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **57, 57.064, 17.934**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.907, 197.515**, and **63, 40.639, 183.233** is the 20% darker color. If you saturate the color by 10%, you get **82, 45.432, 182.069**, and if you desaturate by 10%, it is **84, 36.004, 184.186**.

Distribution



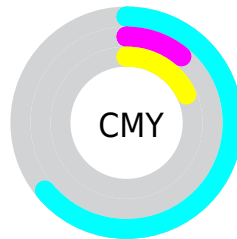
- Red (36%)
- Green (89%)
- Blue (82%)



- Red (36%)
- Yellow (65%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)




- Cyan (64%)
- Magenta (11%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 41.191, 183.169 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, 41.191, 183.169 by changing the saturation by 10% instead.


 83, 41.191,
183.169


 83, 41.191,
183.169


 100, 41.191,
183.169


 73, 41.191,
183.169

 63, 41.191,
183.169

 53, 41.191,
183.169

 43, 41.191,
183.169

 33, 41.191,
183.169

 23, 41.191,
183.169

 13, 41.191,

183.169

■ 3, 41.191, 183.169

■ 0, 41.191, 183.169

■ 83, 41.191,
183.169

■ 83, 41.191,
183.169

■ 82, 45.432,
182.069

■ 84, 36.004,
184.186

■ 82, 48.688,
180.870

■ 85, 29.959,
185.143

■ 82, 50.991,
179.549

■ 86, 23.180,
186.055

■ 81, 52.525,
178.116

■ 87, 15.804,
186.938

■ 81, 52.558,

■ 89, 7.970, 187.818

178.083

■ 90, 0.192, 5.531

■ 92, 8.568, 9.300

■ 93, 10.370, 2.540

■ 93, 10.906,
354.742

Harmonies

Complementary

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



83, 41.191, 183.169



57, 57.064, 17.934

Rectangle

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



83, 41.191, 183.169



83, 41.191, 233.169



83, 41.191, 3.169



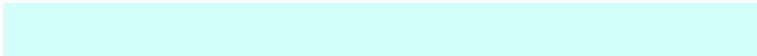
83, 41.191, 53.169

Sweetspot

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



83, 41.191, 183.168



97, 15.835, 187.083



81, 80.469, 136.719



51, 10.929, 186.827



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, 41.191, 183.168



91, 50.561, 181.759



69, 34.803, 250.738



47, 4.665, 187.846



65, 43.711, 178.334



18, 17.910, 180.809

Inverse Universe

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



57, 57.064, 17.934



59, 75.253, 22.191



67, 48.865, 55.006



45, 4.881, 9.314



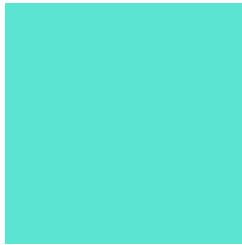
37, 74.262, 33.922



6, 26.756, 16.266

Previews

White Background



This preview shows how the CIELCh color 83, 41.191, 183.169 looks on a white background.

Color Contrast Check

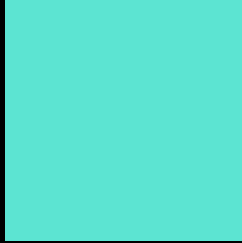
Large Text (above 18pt) WCAG AA × Fail

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, 41.191, 183.169 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

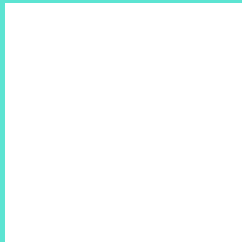
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 41.191, 183.169

Background



This preview shows how black text looks on a background with the CIELCh color 83, 41.191, 183.169.

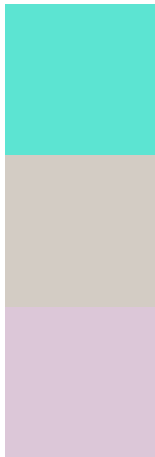


This preview shows how white text looks on a background with the CIELCh color 83, 41.191, 183.169.

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](#).

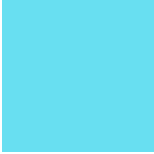
Dichromacy



Original Color
83, 41.191, 183.169

Protanopia
82, 4.940, 77.987

Deuteranopia
82, 11.820, 330.759



Tritanopia
83, 34.140, 213.679

Trichromacy



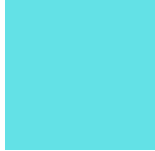
Original Color
83, 41.191, 183.169



Protanomaly
82, 17.128, 176.328



Deuteranomaly
81, 12.552, 210.848

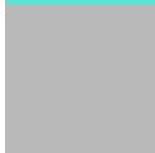


Tritanomaly
83, 35.729, 201.342

Monochromacy



Original Color
83, 41.191, 183.169



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 17.360, 187.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 41.191, 183.169 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(92, 228, 210)` looks like.

```
.text, #text, p{  
    color:rgb(92, 228, 210)  
}
```

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(92, 228, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 228, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 41.191, 183.169 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(92, 228, 210) }
```

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

```
.border{ border-color:rgb(92, 228, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 228, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 228, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 228, 210);  
box-shadow:4px 4px 4px 4px rgb(92, 228,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 41.191, 183.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 228, 210) }
```

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

```
.background{ background-color: rgb(92, 228,  
210) }
```

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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