

Converting Colors

CIELCh(83, 31.091, 192.276)

Have a look what the booklet for
CIELCh(83, 31.091, 192.276)
contains.

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Color

CIElCh(83, 30.968, 192.348)

Conversions

Conversions Part 1

Format	Color
Hex	7CDFDA
RGB	124, 223, 218
RGB Percent	49%, 87%, 85%
CMY	0.5135, 0.1252, 0.1449
CMYK	0.44, 0.00, 0.02, 0.13
HSL	177°, 61%, 68%
HSV	177°, 44%, 87%
XYZ	47.3879, 62.1629, 75.8727
YIQ	192.8290, -57.3990, -22.5430

Conversions

Conversions Part 2

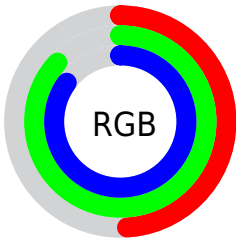
Format	Color
RYB	124, 175, 223
Decimal	8183770
CIELab	83.00, -30.25, -6.62
CIELCh	83, 30.968, 192.348
Yxy	62.1629, 0.2556, 0.3352
Android (android.graphics.Color)	4286373850 (0xFF7CDFDA)
YUV	192.8290, 12.4093, -60.3630
Hunter-Lab	78.8435, -30.6908, -1.8655

Details

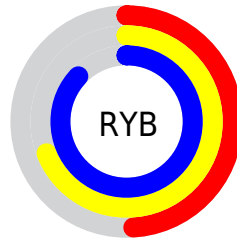
The CIELCh color **83, 30.968, 192.348** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63, 41.330, 20.367**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.419, 197.974**, and **63, 30.802, 192.600** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.054, 191.730**, and if you desaturate by 10%, it is **84, 25.043, 192.975**.

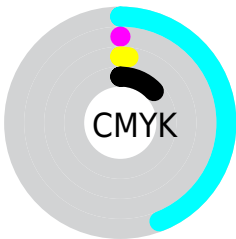
Distribution



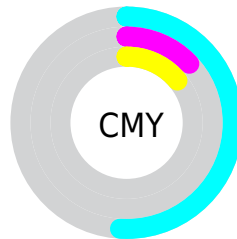
- Red (49%)
- Green (87%)
- Blue (85%)



- Red (49%)
- Yellow (69%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (51%)
- Magenta (13%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 30.968, 192.348 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, 30.968, 192.348 by changing the saturation by 10% instead.


 83, 30.968,
192.348


 83, 30.968,
192.348


 100, 30.968,
192.348


 73, 30.968,
192.348

 63, 30.968,
192.348

 53, 30.968,
192.348

 43, 30.968,
192.348

 33, 30.968,
192.348

 23, 30.968,
192.348

 13, 30.968,

192.348

■ 3, 30.968, 192.348

■ 0, 30.968, 192.348

■ 83, 30.968,
192.348

■ 83, 30.968,
192.348

■ 82, 36.054,
191.730

■ 84, 25.043,
192.975

■ 82, 40.205,
191.122

■ 85, 18.398,
193.622

■ 81, 43.369,
190.509

■ 87, 11.166,
194.296

■ 81, 45.550,
189.881

■ 88, 3.479, 195.081

■ 81, 46.827,

■ 90, 4.544, 15.459

189.224

91, 11.714, 15.767

80, 47.277,
188.844

91, 11.752, 12.947

92, 11.820, 10.154

92, 11.916, 7.399

Harmonies

Complementary

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



83, 30.968, 192.348



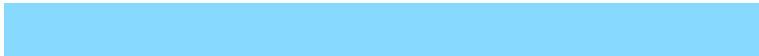
63, 41.330, 20.367

Rectangle

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



83, 30.968, 192.348



83, 30.968, 242.348



83, 30.968, 12.348



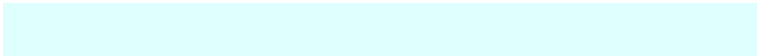
83, 30.968, 62.348

Sweetspot

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



83, 30.968, 192.346



98, 11.287, 194.386



81, 61.596, 139.510



52, 7.854, 194.231



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, 30.968, 192.346



93, 39.379, 191.791



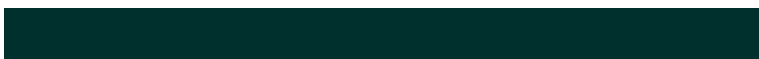
71, 28.163, 255.468



46, 4.483, 194.651



65, 39.568, 188.956



17, 16.130, 190.122

Inverse Universe

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



63, 41.330, 20.367



67, 56.197, 22.299



73, 33.895, 63.009



44, 4.732, 15.844



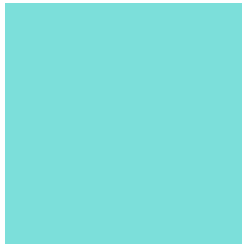
36, 76.975, 37.891



6, 25.427, 18.815

Previews

White Background



This preview shows how the CIE LCh color 83, 30.968, 192.348 looks on a white background.

Color Contrast Check

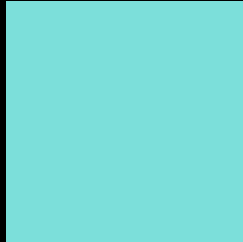
Large Text (above 18pt) WCAG AA × Fail

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, 30.968, 192.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

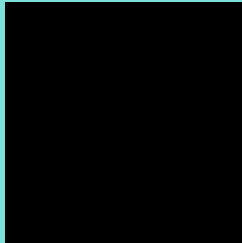
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 30.968, 192.348

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.968, 192.348.

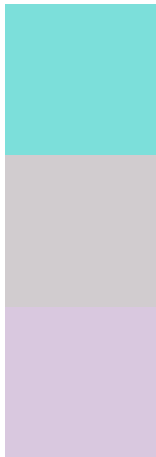


This preview shows how white text looks on a background with the CIELCh color 83, 30.968, 192.348.

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, 30.968, 192.348

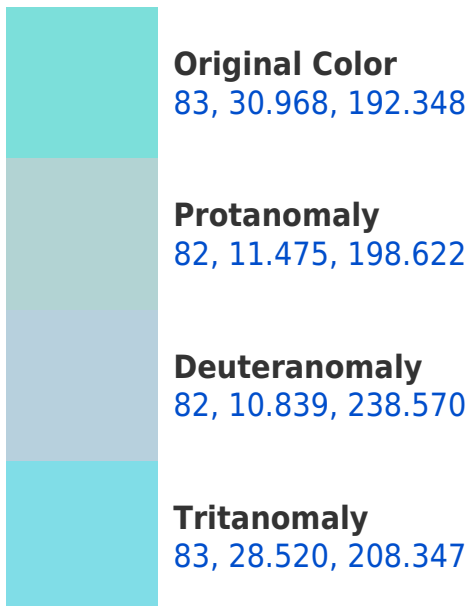
Protanopia
83, 2.434, 338.652

Deuteranopia
83, 13.666, 317.383

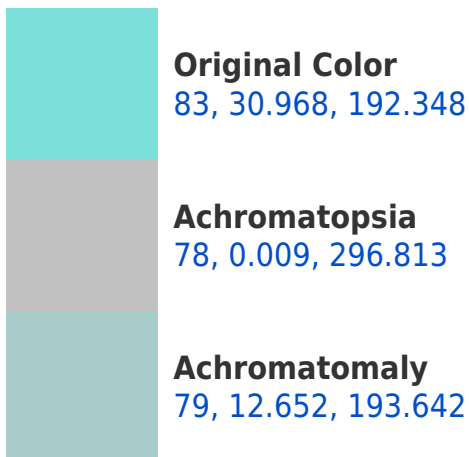


Tritanopia
83, 28.208, 217.622

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.968, 192.348 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(124, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(124, 223, 218)  
}
```

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(124, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 223, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.968, 192.348 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(124, 223, 218) }
```

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

```
.border{ border-color:rgb(124, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 223, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 223, 218); box-shadow:4px 4px 4px 4px rgb(124, 223, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.968, 192.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 223, 218) }
```

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

```
.background{ background-color: rgb(124,  
223, 218) }
```

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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