

Converting Colors

CIELCh(83, 23.172, 207.138)

Have a look what the booklet for
CIELCh(83, 23.172, 207.138)
contains.

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Color

CIELCh(83, 23.176, 207.140)

Conversions

Conversions Part 1

Format	Color
Hex	93DBE2
RGB	147, 219, 226
RGB Percent	58%, 86%, 89%
CMY	0.4246, 0.1423, 0.1149
CMYK	0.35, 0.03, 0.00, 0.11
HSL	185°, 57%, 73%
HSV	185°, 35%, 89%
XYZ	50.9245, 62.1629, 81.0567
YIQ	198.2700, -45.1590, -13.0870

Conversions

Conversions Part 2

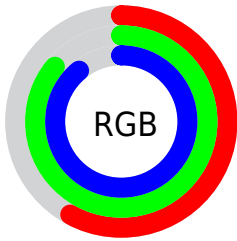
Format	Color
RYB	147, 185, 226
Decimal	9690082
CIELab	83.00, -20.62, -10.57
CIELCh	83, 23.176, 207.140
Yxy	62.1629, 0.2623, 0.3202
Android (android.graphics.Color)	4287880162 (0xFF93DBE2)
YUV	198.2700, 13.6709, -44.9638
Hunter-Lab	78.8435, -22.6840, -5.7639

Details

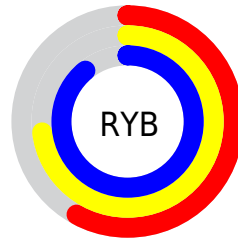
The CIELCh color **83, 23.176, 207.140** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 29.908, 29.298**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.872, 198.386**, and **63, 23.221, 207.315** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.400, 207.302**, and if you desaturate by 10%, it is **85, 17.230, 207.117**.

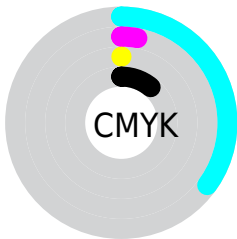
Distribution



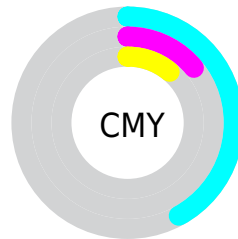
- Red (58%)
- Green (86%)
- Blue (89%)



- Red (58%)
- Yellow (73%)
- Blue (89%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)





- Cyan (42%)
- Magenta (14%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 23.176, 207.140 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, 23.176, 207.140 by changing the saturation by 10% instead.


 83, 23.176,
207.140


 83, 23.176,
207.140


 100, 23.176,
207.140


 73, 23.176,
207.140

 63, 23.176,
207.140

 53, 23.176,
207.140

 43, 23.176,
207.140

 33, 23.176,
207.140

 23, 23.176,
207.140

 13, 23.176,

207.140

■ 3, 23.176, 207.140

■ 0, 23.176, 207.140

■ 83, 23.176,
207.140

■ 83, 23.176,
207.140

■ 81, 28.400,
207.302

■ 85, 17.230,
207.117

■ 80, 32.789,
207.642

■ 87, 10.684,
207.226

■ 79, 36.254,
208.187

■ 89, 3.657, 207.514

■ 78, 38.747,
208.972

■ 91, 3.741, 27.435

■ 93, 9.727, 29.090

■ 77, 40.276,

210.031

93, 9.236, 36.016

76, 40.926,
211.387

94, 8.897, 43.587

76, 41.041,
212.148

94, 8.725, 51.598

95, 8.730, 59.753

Harmonies

Complementary

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



83, 23.176, 207.140



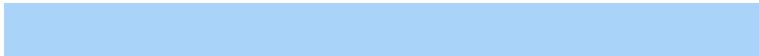
70, 29.908, 29.298

Rectangle

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



83, 23.176, 207.140



83, 23.176, 257.140



83, 23.176, 27.140



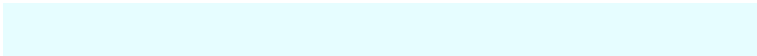
83, 23.176, 77.140

Sweetspot

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



83, 23.176, 207.137



98, 7.976, 207.330



83, 47.709, 144.138



52, 5.421, 207.296



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, 23.176, 207.137



91, 29.675, 207.241



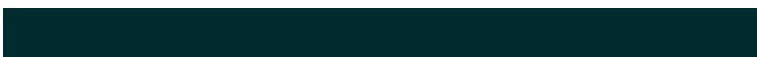
72, 26.710, 269.723



46, 4.090, 207.347



60, 34.115, 211.861



16, 14.204, 209.088

Inverse Universe

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



71, 47.527, 328.953



75, 62.450, 329.370



80, 28.056, 79.251



44, 7.674, 327.447



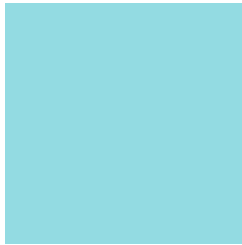
41, 81.636, 332.090



7, 33.849, 331.397

Previews

White Background



This preview shows how the CIELCh color 83, 23.176, 207.140 looks on a white background.

Color Contrast Check

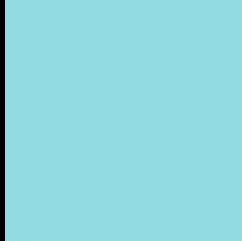
Large Text (above 18pt) WCAG AA × Fail

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, 23.176, 207.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

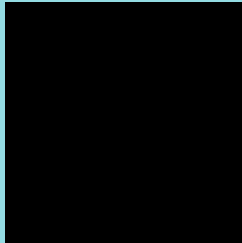
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 23.176, 207.140

Background



This preview shows how black text looks on a background with the CIELCh color 83, 23.176, 207.140.

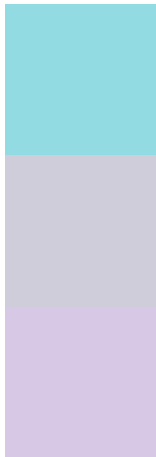


This preview shows how white text looks on a background with the CIELCh color 83, 23.176, 207.140.

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, 23.176, 207.140

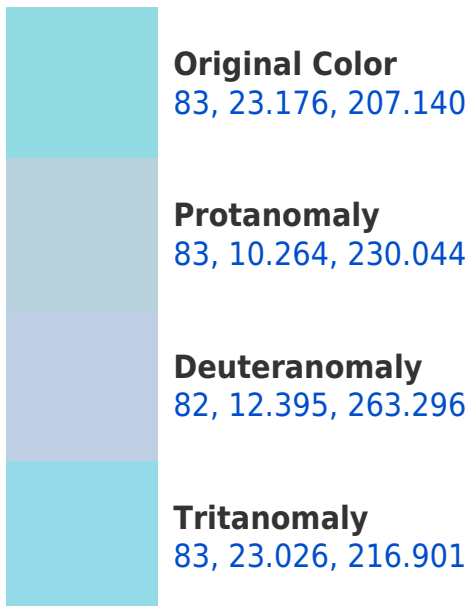
Protanopia
83, 6.370, 293.935

Deuteranopia
83, 16.817, 309.657



Tritanopia
83, 23.018, 222.713

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 23.176, 207.140 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(147, 219, 226)` looks like.

```
.text, #text, p{  
    color:rgb(147, 219, 226)  
}
```

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(147, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 219, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 23.176, 207.140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

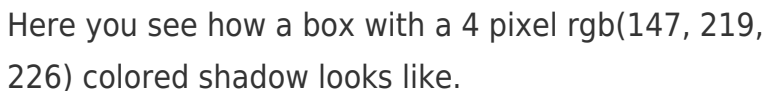
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 219, 226) }
```

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

```
.border{ border-color:rgb(147, 219, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(147, 219,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 23.176, 207.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 219, 226) }
```

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

```
.background{ background-color: rgb(147,  
219, 226) }
```

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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