

Converting Colors

CIELCh(77, 10.403, 182.546)

Have a look what the booklet for
CIELCh(77, 10.403, 182.546)
contains.

CIELCh(77, 10.433, 183.697)	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(77, 10.433, 183.697)

Conversions

Conversions Part 1

Format	Color
Hex	A8C4BF
RGB	168, 196, 191
RGB Percent	66%, 77%, 75%
CMY	0.3414, 0.2316, 0.2512
CMYK	0.14, 0.00, 0.03, 0.23
HSL	169°, 19%, 71%
HSV	169°, 14%, 77%
XYZ	45.2613, 51.5317, 56.8185
YIQ	187.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

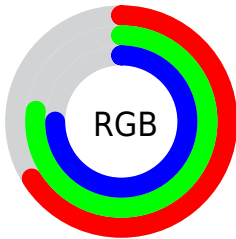
Format	Color
R _Y B	168, 183, 196
Decimal	11060415
CIE Lab	77.00, -10.41, -0.67
CIE LCh	77, 10.433, 183.697
Yxy	51.5317, 0.2946, 0.3355
Android (android.graphics.Color)	4289250495 (0xFFA8C4BF)
YUV	187.0580, 1.9434, -16.7139
Hunter-Lab	71.7856, -13.0793, 3.3218

Details

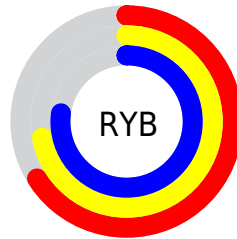
The CIELCh color **77, 10.433, 183.697** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 11.080, 6.212**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 10.798, 182.236**, and **57, 10.102, 185.349** is the 20% darker color. If you saturate the color by 10%, you get **76, 17.396, 182.749**, and if you desaturate by 10%, it is **78, 3.175, 184.683**.

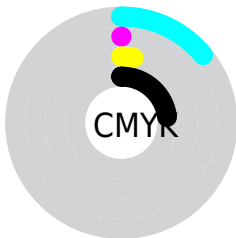
Distribution



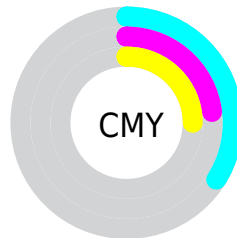
- Red (66%)
- Green (77%)
- Blue (75%)



- Red (66%)
- Yellow (72%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (34%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 10.433, 183.697 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 77, 10.433, 183.697 by changing the saturation by 10% instead.

■ 77, 10.433,
183.697

■ 77, 10.433,
183.697

■ 100, 10.433,
183.697

■ 67, 10.433,
183.697

■ 97, 10.433,
183.697

■ 57, 10.433,
183.697

■ 47, 10.433,
183.697

■ 37, 10.433,
183.697

■ 27, 10.433,
183.697

■ 17, 10.433,
183.697

■ 7, 10.433, 183.697

0, 10.433, 183.697

77, 10.433,
183.697

77, 10.433,
183.697

76, 17.396,
182.749

78, 3.175, 184.683

75, 23.943,
181.769

80, 4.277, 5.253

74, 29.952,
180.730

82, 11.834, 6.148

73, 35.302,
179.614

84, 19.424, 6.958

72, 39.892,
178.400

85, 22.967, 4.812

72, 43.652,
177.066

85, 23.417, 0.462

85, 24.004,
356.308

85, 24.719,

■ 71, 46.567,
175.589

352.383

■ 71, 48.685,
173.955

■ 85, 25.551,
348.706

■ 71, 49.674,
172.987

Harmonies

Complementary

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



77, 10.433, 183.697



71, 11.080, 6.212

Rectangle

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



77, 10.433, 183.697



77, 10.433, 233.697



77, 10.433, 3.697



77, 10.433, 53.697

Sweetspot

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



77, 10.434, 183.690



99, 3.667, 184.712



77, 17.350, 138.629



53, 2.604, 184.619



0, 0.000, 0.000



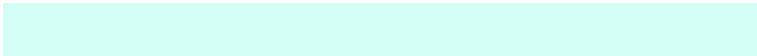
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 10.434, 183.690



97, 15.294, 183.412



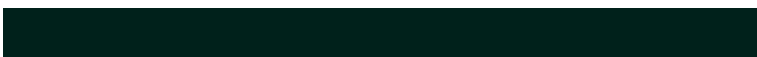
75, 8.191, 234.922



40, 4.133, 184.155



59, 42.733, 173.264



10, 14.093, 177.938

Inverse Universe

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



71, 11.080, 6.212



89, 16.455, 6.548



73, 8.840, 52.563



38, 4.298, 5.681



33, 66.337, 30.394



3, 14.233, 9.746

Previews

White Background



This preview shows how the CIELCh color 77, 10.433, 183.697 looks on a white background.

Color Contrast Check

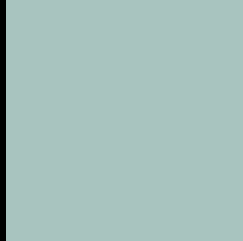
Large Text (above 18pt) WCAG AA × Fail

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 77, 10.433, 183.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

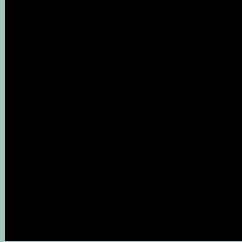
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

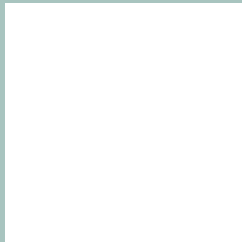
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 10.433, 183.697

Background



This preview shows how black text looks on a background with the CIELCh color 77, 10.433, 183.697.



This preview shows how white text looks on a background with the CIELCh color 77, 10.433, 183.697.

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
77, 10.433, 183.697

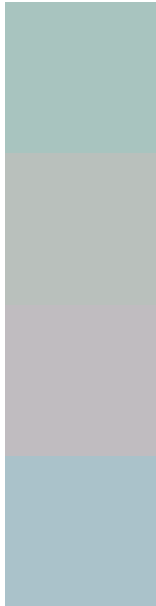
Protanopia
77, 2.136, 49.342

Deuteranopia
77, 9.527, 349.780



Tritanopia
77, 11.299, 248.766

Trichromacy



Original Color
77, 10.433, 183.697

Protanomaly
77, 3.370, 159.827

Deuteranomaly
77, 2.627, 324.460

Tritanomaly
77, 9.335, 226.388

Monochromacy



Original Color
77, 10.433, 183.697

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.829, 182.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 10.433, 183.697 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(168, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 196, 191)  
}
```

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(168, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 196, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 10.433, 183.697 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(168, 196, 191) }
```

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

```
.border{ border-color:rgb(168, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 196,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 10.433, 183.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 196, 191) }
```

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

```
.background{ background-color: rgb(168,  
196, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor