

Converting Colors

CIELCh(77, 18.373, 170.090)

Have a look what the booklet for
CIELCh(77, 18.373, 170.090)
contains.

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Color

CIELCh(77, 18.358, 170.101)

Conversions

Conversions Part 1

Format	Color
Hex	9BC8B8
RGB	155, 200, 184
RGB Percent	61%, 78%, 72%
CMY	0.3935, 0.2170, 0.2797
CMYK	0.23, 0.00, 0.08, 0.22
HSL	159°, 29%, 69%
HSV	159°, 23%, 78%
XYZ	42.6449, 51.5317, 52.8610
YIQ	184.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

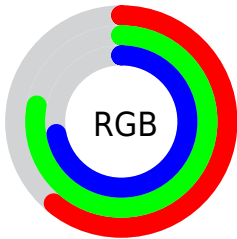
Format	Color
RYB	155, 182, 200
Decimal	10209464
CIELab	77.00, -18.08, 3.16
CIElCh	77, 18.358, 170.101
Yxy	51.5317, 0.2900, 0.3505
Android (android.graphics.Color)	4288399544 (0xFF9BC8B8)
YUV	184.7210, -0.3555, -26.0653
Hunter-Lab	71.7856, -19.5853, 6.5904

Details

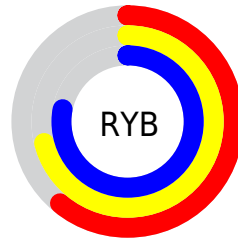
The CIELCh color **77, 18.358, 170.101** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 19.357, 354.488**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.351, 172.037**, and **57, 18.361, 169.858** is the 20% darker color. If you saturate the color by 10%, you get **76, 26.161, 168.993**, and if you desaturate by 10%, it is **78, 10.295, 171.121**.

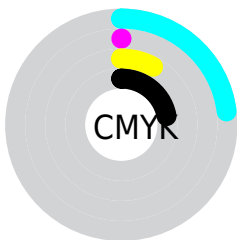
Distribution



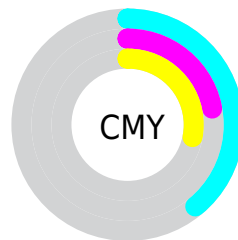
- Red (61%)
- Green (78%)
- Blue (72%)



- Red (61%)
- Yellow (71%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)





- Cyan (39%)
- Magenta (22%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 18.358, 170.101 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, 18.358, 170.101 by changing the saturation by 10% instead.


 77, 18.358,
170.101


 77, 18.358,
170.101


 100, 18.358,
170.101


 67, 18.358,
170.101


 97, 18.358,
170.101

 57, 18.358,
170.101

 47, 18.358,
170.101

 37, 18.358,
170.101

 27, 18.358,
170.101

 17, 18.358,
170.101

 7, 18.358, 170.101

■ 0, 18.358, 170.101

■ 77, 18.358,
170.101

■ 77, 18.358,
170.101

■ 76, 26.161,
168.993

■ 78, 10.295,
171.121

■ 75, 33.567,
167.779

■ 80, 2.085, 172.222

■ 74, 40.440,
166.429

■ 82, 6.170, 352.789

■ 84, 14.391,
353.637

■ 73, 46.652,
164.920

■ 86, 22.518,
354.408

■ 72, 52.102,
163.226

■ 86, 24.375,
346.685

■ 72, 56.739,
161.330

■ 86, 26.497,

■ 72, 60.582,
159.228

339.930

■ 71, 63.078,
157.589

■ 86, 28.953,
334.301

■ 87, 31.663,
329.646

Harmonies

Complementary

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



77, 18.358, 170.101



68, 19.357, 354.488

Rectangle

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



77, 18.358, 170.101



77, 18.358, 220.101



77, 18.358, 350.101



77, 18.358, 40.101

Sweetspot

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



77, 18.359, 170.098



99, 7.029, 171.667



77, 26.352, 132.586



52, 4.566, 171.604



0, 0.000, 0.000



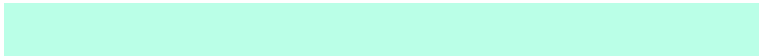
53, 0.007, 296.813

Same Dimension

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



77, 18.359, 170.098



95, 26.678, 169.574



76, 13.685, 212.196



41, 4.650, 171.436



59, 53.970, 157.950



11, 17.653, 163.869

Inverse Universe

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



68, 19.357, 354.488



82, 28.463, 355.085



69, 15.966, 32.476



39, 4.755, 353.041



34, 61.295, 15.380



4, 16.782, 1.346

Previews

White Background



This preview shows how the CIELCh color 77, 18.358, 170.101 looks on a white background.

Color Contrast Check

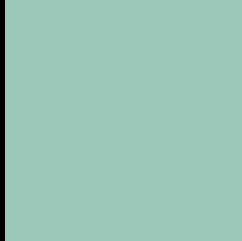
Large Text (above 18pt) WCAG AA × Fail

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, 18.358, 170.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

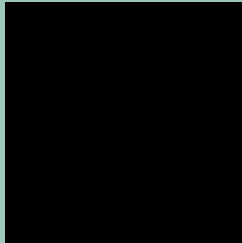
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 18.358, 170.101

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.358, 170.101.

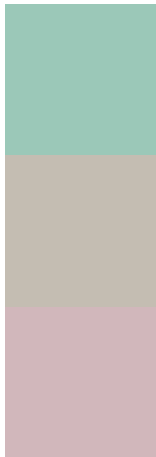


This preview shows how white text looks on a background with the CIELCh color 77, 18.358, 170.101.

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, 18.358, 170.101

Protanopia
77, 6.444, 85.229

Deuteranopia
77, 10.047, 7.930



Tritanopia
77, 14.349, 232.995

Trichromacy



Original Color
77, 18.358, 170.101

Protanomaly
77, 8.316, 142.039

Deuteranomaly
77, 1.601, 109.990

Tritanomaly
77, 13.546, 207.626

Monochromacy



Original Color
77, 18.358, 170.101

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 7.059, 171.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.358, 170.101 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(155, 200, 184)` looks like.

```
.text, #text, p{  
    color:rgb(155, 200, 184)  
}
```

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(155, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 200, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.358, 170.101 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(155, 200, 184) }
```

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

```
.border{ border-color:rgb(155, 200, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 200, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 200, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 200, 184);  
box-shadow:4px 4px 4px 4px rgb(155, 200,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.358, 170.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 200, 184) }
```

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

```
.background{ background-color: rgb(155,  
200, 184) }
```

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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