

Converting Colors

CIELCh(76, 13.782, 181.476)

Have a look what the booklet for
CIELCh(76, 13.782, 181.476)
contains.

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Color

CIELCh(76, 13.757, 182.418)

Conversions

Conversions Part 1

Format	Color
Hex	9EC3BC
RGB	158, 195, 188
RGB Percent	62%, 76%, 74%
CMY	0.3807, 0.2356, 0.2630
CMYK	0.19, 0.00, 0.04, 0.24
HSL	169°, 24%, 69%
HSV	169°, 19%, 76%
XYZ	42.6548, 49.8872, 54.9172
YIQ	183.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

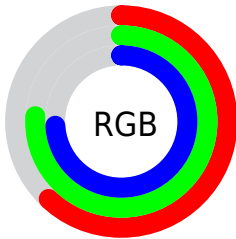
Format	Color
R _Y B	158, 178, 195
Decimal	10404796
CIE Lab	76.00, -13.74, -0.58
CIE LCh	76, 13.757, 182.418
Yxy	49.8872, 0.2893, 0.3383
Android (android.graphics.Color)	4288594876 (0xFF9EC3BC)
YUV	183.1390, 2.3965, -22.0469
Hunter-Lab	70.6309, -15.8059, 3.3423

Details

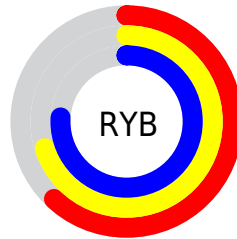
The CIELCh color **76, 13.757, 182.418** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 14.880, 5.941**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.007, 181.488**, and **56, 13.545, 183.340** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.563, 181.442**, and if you desaturate by 10%, it is **77, 6.613, 183.364**.

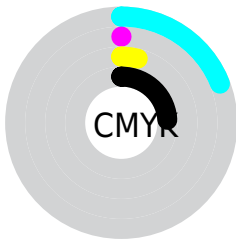
Distribution



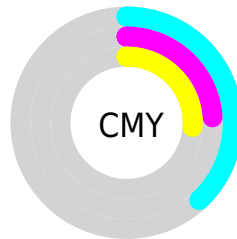
- Red (62%)
- Green (76%)
- Blue (74%)



- Red (62%)
- Yellow (70%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (38%)
- Magenta (24%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.757, 182.418 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 76, 13.757, 182.418 by changing the saturation by 10% instead.


 76, 13.757,
182.418


 76, 13.757,
182.418


 100, 13.757,
182.418


 66, 13.757,
182.418


 96, 13.757,
182.418

 56, 13.757,
182.418

 46, 13.757,
182.418

 36, 13.757,
182.418

 26, 13.757,
182.418

 16, 13.757,
182.418

 6, 13.757, 182.418

■ 0, 13.757, 182.418

■ 76, 13.757,
182.418

■ 76, 13.757,
182.418

■ 75, 20.563,
181.442

■ 77, 6.613, 183.364

■ 74, 26.906,
180.417

■ 79, 0.763, 3.500

■ 73, 32.664,
179.320

■ 81, 8.274, 4.937

■ 72, 37.723,
178.131

■ 84, 23.257, 6.458

■ 71, 41.993,
176.828

■ 84, 23.675, 1.893

■ 71, 45.426,
175.387

■ 85, 24.248,
357.522

■ 85, 24.964,

■ 71, 48.034,
173.789

353.387

■ 71, 49.961,
172.051

■ 85, 25.810,
349.514

■ 71, 50.147,
171.876

Harmonies

Complementary

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



76, 13.757, 182.418



69, 14.880, 5.941

Rectangle

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



76, 13.757, 182.418



76, 13.757, 232.418



76, 13.757, 2.418



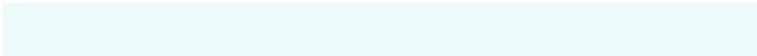
76, 13.757, 52.418

Sweetspot

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



76, 13.758, 182.413



98, 5.469, 183.655



76, 22.865, 137.890



53, 3.654, 183.585



0, 0.000, 0.000



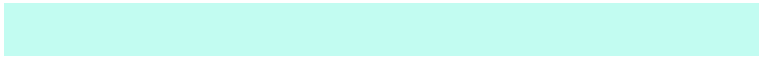
53, 0.007, 296.813

Same Dimension

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



76, 13.758, 182.413



95, 20.389, 181.993



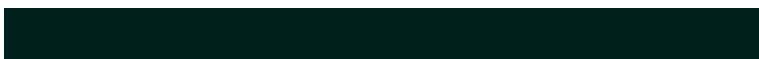
73, 10.712, 233.204



40, 4.152, 183.327



59, 43.302, 172.155



10, 14.218, 176.987

Inverse Universe

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



69, 14.880, 5.941



84, 22.485, 6.479



71, 11.932, 50.338



38, 4.313, 4.870



33, 65.880, 29.622



3, 14.260, 9.186

Previews

White Background



This preview shows how the CIELCh color 76, 13.757, 182.418 looks on a white background.

Color Contrast Check

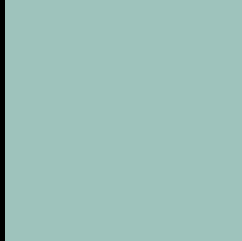
Large Text (above 18pt) WCAG AA × Fail

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 76, 13.757, 182.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

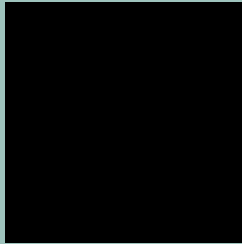
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

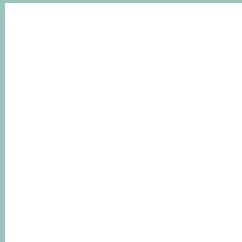
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.757, 182.418

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.757, 182.418.

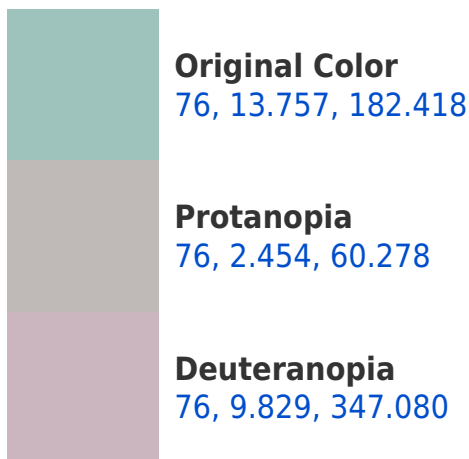


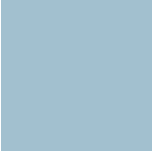
This preview shows how white text looks on a background with the CIELCh color 76, 13.757, 182.418.

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





Tritanopia
76, 12.845, 237.962

Trichromacy



Original Color
76, 13.757, 182.418

Protanomaly
76, 4.288, 169.052

Deuteranomaly
76, 2.199, 300.025

Tritanomaly
76, 11.618, 217.668

Monochromacy



Original Color
76, 13.757, 182.418

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 4.892, 186.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.757, 182.418 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(158, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(158, 195, 188)  
}
```

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(158, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 195, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.757, 182.418 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(158, 195, 188) }
```

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

```
.border{ border-color:rgb(158, 195, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(158, 195,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.757, 182.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 195, 188) }
```

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

```
.background{ background-color: rgb(158,  
195, 188) }
```

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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