

Converting Colors

CIELCh(77, 15.631, 157.664)

Have a look what the booklet for
CIELCh(77, 15.631, 157.664)
contains.

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Color

CIELCh(77, 15.646, 157.658)

Conversions

Conversions Part 1

Format	Color
Hex	A6C6B3
RGB	166, 198, 179
RGB Percent	65%, 78%, 70%
CMY	0.3504, 0.2249, 0.2994
CMYK	0.16, 0.00, 0.10, 0.22
HSL	144°, 22%, 71%
HSV	144°, 16%, 78%
XYZ	43.8640, 51.5317, 50.0944
YIQ	186.2660, -12.9730, -12.6930

Conversions

Conversions Part 2

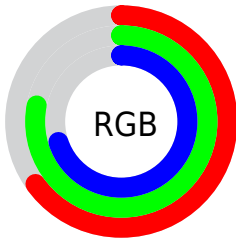
Format	Color
RYB	166, 189, 198
Decimal	10929843
CIELab	77.00, -14.47, 5.95
CIELCh	77, 15.646, 157.658
Yxy	51.5317, 0.3015, 0.3542
Android (android.graphics.Color)	4289119923 (0xFFA6C6B3)
YUV	186.2660, -3.5821, -17.7733
Hunter-Lab	71.7856, -16.5539, 8.8754

Details

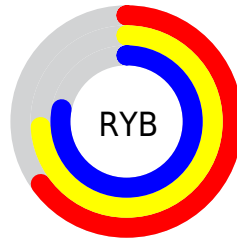
The CIELCh color **77, 15.646, 157.658** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 15.849, 340.162**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.780, 158.145**, and **57, 15.629, 156.993** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.277, 156.714**, and if you desaturate by 10%, it is **79, 5.963, 158.521**.

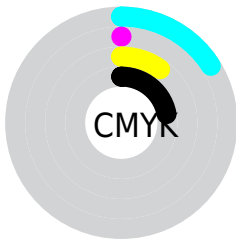
Distribution



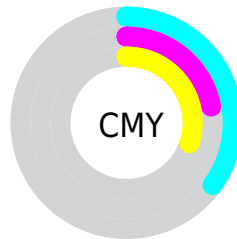
- Red (65%)
- Green (78%)
- Blue (70%)



- Red (65%)
- Yellow (74%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.646, 157.658 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, 15.646, 157.658 by changing the saturation by 10% instead.


 77, 15.646,
157.658

 77, 15.646,
157.658


 100, 15.646,
157.658


 67, 15.646,
157.658


 97, 15.646,
157.658

 57, 15.646,
157.658

 47, 15.646,
157.658

 37, 15.646,
157.658

 27, 15.646,
157.658

 17, 15.646,
157.658

 7, 15.646, 157.658

■ 0, 15.646, 157.658

■ 77, 15.646,
157.658

■ 77, 15.646,
157.658

■ 76, 25.277,
156.714

■ 79, 5.963, 158.521

■ 74, 34.716,
155.649

■ 80, 3.666, 339.096

■ 73, 43.806,
154.437

■ 82, 13.156,
339.832

■ 72, 52.379,
153.052

■ 85, 22.448,
340.444

■ 71, 60.269,
151.476

■ 86, 29.081,
336.236

■ 71, 67.342,
149.695

■ 86, 33.527,
328.701

■ 86, 35.976,

■ 70, 73.513,
147.718

325.675

■ 70, 78.776,
145.585

■ 70, 80.627,
144.796

Harmonies

Complementary

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



77, 15.646, 157.658



71, 15.849, 340.162

Rectangle

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



77, 15.646, 157.658



77, 15.646, 207.658



77, 15.646, 337.658



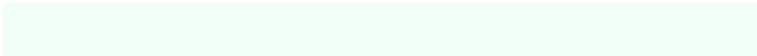
77, 15.646, 27.658

Sweetspot

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



77, 15.648, 157.656



99, 5.922, 158.621



78, 17.729, 124.704



53, 4.042, 158.557



0, 0.000, 0.000



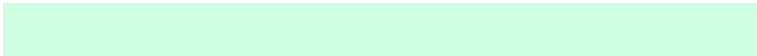
53, 0.007, 296.813

Same Dimension

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



77, 15.648, 157.656



96, 22.587, 157.376



77, 11.498, 189.951



41, 5.502, 158.246



59, 69.438, 145.129



11, 21.484, 152.373

Inverse Universe

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



71, 15.849, 340.162



88, 22.927, 340.427



71, 12.509, 12.545



39, 5.548, 339.596



35, 62.514, 353.113



4, 18.935, 347.182

Previews

White Background



This preview shows how the CIELCh color 77, 15.646, 157.658 looks on a white background.

Color Contrast Check

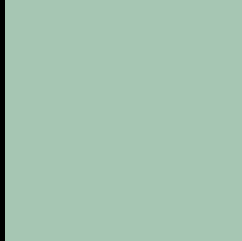
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 15.646, 157.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

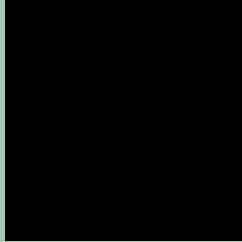
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

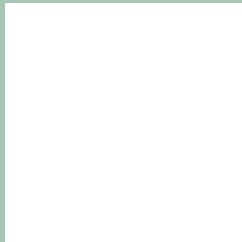
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 15.646, 157.658

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.646, 157.658.

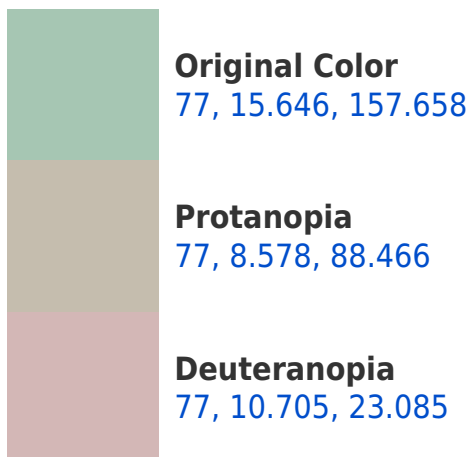


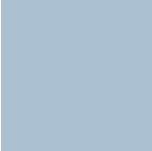
This preview shows how white text looks on a background with the CIELCh color 77, 15.646, 157.658.

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
77, 11.299, 248.766

Trichromacy



Original Color
77, 15.646, 157.658

Protanomaly
77, 8.869, 124.178

Deuteranomaly
77, 4.569, 74.475

Tritanomaly
77, 9.275, 208.815

Monochromacy



Original Color
77, 15.646, 157.658

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.574, 156.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.646, 157.658 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(166, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 198, 179)  
}
```

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(166, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 198, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.646, 157.658 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(166, 198, 179) }
```

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

```
.border{ border-color:rgb(166, 198, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 198,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.646, 157.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 198, 179) }
```

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

```
.background{ background-color: rgb(166,  
198, 179) }
```

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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