

Converting Colors

CIELCh(77, 15.552, 149.739)

Have a look what the booklet for
CIELCh(77, 15.552, 149.739)
contains.

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Color

CIELCh(77, 15.562, 149.129)

Conversions

Conversions Part 1

Format	Color
Hex	AAC5AF
RGB	170, 197, 175
RGB Percent	67%, 77%, 69%
CMY	0.3336, 0.2277, 0.3140
CMYK	0.14, 0.00, 0.11, 0.23
HSL	131°, 19%, 72%
HSV	131°, 14%, 77%
XYZ	44.2445, 51.5317, 48.1373
YIQ	186.4190, -9.0300, -12.5660

Conversions

Conversions Part 2

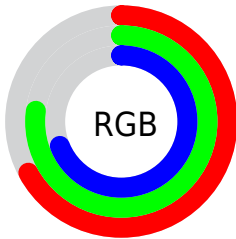
Format	Color
RYB	170, 193, 197
Decimal	11191727
CIELab	77.00, -13.36, 7.98
CIELCh	77, 15.562, 149.129
Yxy	51.5317, 0.3074, 0.3581
Android (android.graphics.Color)	4289381807 (0xFFAAC5AF)
YUV	186.4190, -5.6296, -14.3995
Hunter-Lab	71.7856, -15.6077, 10.4918

Details

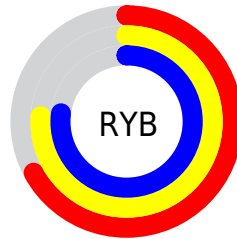
The CIELCh color $77, 15.562, 149.129$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $72, 15.612, 330.840$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 15.669, 150.028$, and $57, 15.143, 149.375$ is the 20% darker color. If you saturate the color by 10%, you get $75, 26.982, 148.331$, and if you desaturate by 10%, it is $79, 4.181, 149.860$.

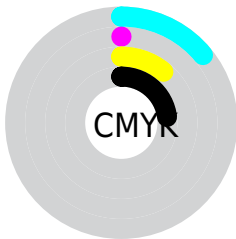
Distribution



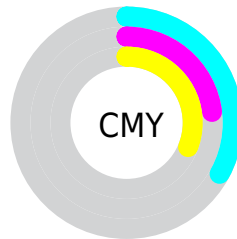
- Red (67%)
- Green (77%)
- Blue (69%)



- Red (67%)
- Yellow (76%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)





- Cyan (33%)
- Magenta (23%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.562, 149.129 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, 15.562, 149.129 by changing the saturation by 10% instead.


 77, 15.562,
149.129


 77, 15.562,
149.129


 100, 15.562,
149.129


 67, 15.562,
149.129


 97, 15.562,
149.129

 57, 15.562,
149.129

 47, 15.562,
149.129

 37, 15.562,
149.129

 27, 15.562,
149.129

 17, 15.562,
149.129

 7, 15.562, 149.129

0, 15.562, 149.129

77, 15.562,
149.129

77, 15.562,
149.129

75, 26.982,
148.331

79, 4.181, 149.860

74, 38.278,
147.412

81, 7.046, 330.332

73, 49.253,
146.349

83, 18.035,
330.867

72, 59.677,
145.130

85, 28.729,
331.318

71, 69.294,
143.755

86, 36.419,
325.690

70, 77.842,
142.244

■ 70, 85.070,
140.650

■ 70, 90.765,
139.066

■ 69, 93.569,
138.190

Harmonies

Complementary

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



77, 15.562, 149.129



72, 15.612, 330.840

Rectangle

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



77, 15.562, 149.129



77, 15.562, 199.129



77, 15.562, 329.129



77, 15.562, 19.129

Sweetspot

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



77, 15.564, 149.129



99, 5.562, 149.832



78, 14.483, 116.397



53, 3.956, 149.773



0, 0.000, 0.000



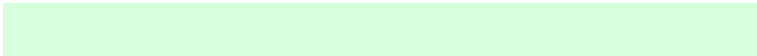
53, 0.007, 296.813

Same Dimension

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



77, 15.564, 149.129



96, 22.425, 148.937



77, 10.852, 173.585



41, 6.474, 149.444



58, 80.965, 138.412



11, 24.293, 146.982

Inverse Universe

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



72, 15.612, 330.840



90, 22.498, 331.003



72, 11.259, 356.103



39, 6.493, 330.561



37, 71.749, 337.167



4, 22.745, 334.297

Previews

White Background



This preview shows how the CIELCh color 77, 15.562, 149.129 looks on a white background.

Color Contrast Check

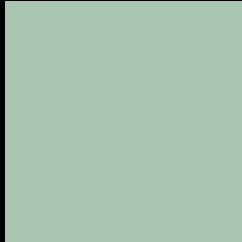
Large Text (above 18pt) WCAG AA × Fail

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, 15.562, 149.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

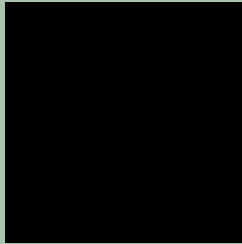
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 15.562, 149.129

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.562, 149.129.

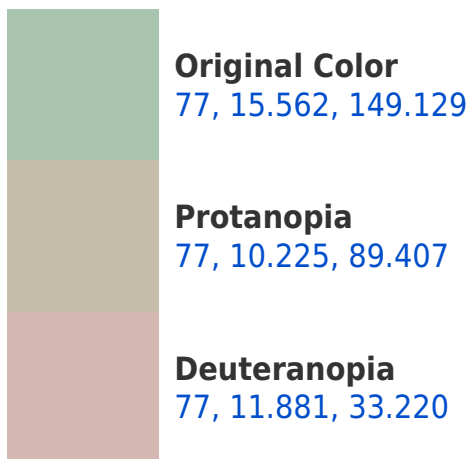



This preview shows how white text looks on a background with the CIELCh color 77, 15.562, 149.129.

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](#).

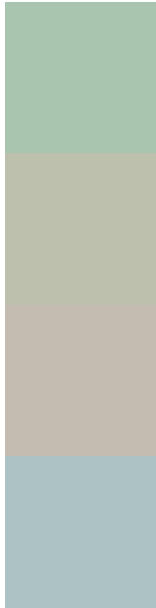
Dichromacy





Tritanopia
77, 10.300, 255.948

Trichromacy



Original Color
77, 15.562, 149.129

Protanomaly
77, 10.803, 117.295

Deuteranomaly
77, 6.801, 79.316

Tritanomaly
77, 7.538, 207.125

Monochromacy



Original Color
77, 15.562, 149.129

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.709, 150.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.562, 149.129 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(170, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(170, 197, 175)  
}
```

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(170, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 197, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.562, 149.129 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(170, 197, 175) }
```

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

```
.border{ border-color:rgb(170, 197, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(170, 197,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.562, 149.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 197, 175) }
```

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

```
.background{ background-color: rgb(170,  
197, 175) }
```

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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