

Converting Colors

CIELCh(77, 15.779, 142.092)

Have a look what the booklet for
CIELCh(77, 15.779, 142.092)
contains.

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Color

CIELCh(77, 15.542, 142.649)

Conversions

Conversions Part 1

Format	Color
Hex	ADC4AC
RGB	173, 196, 172
RGB Percent	68%, 77%, 67%
CMY	0.3204, 0.2301, 0.3243
CMYK	0.12, 0.00, 0.12, 0.23
HSL	117°, 17%, 72%
HSV	117°, 12%, 77%
XYZ	44.5888, 51.5317, 46.7813
YIQ	186.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

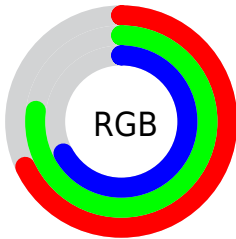
Format	Color
RYB	172, 196, 195
Decimal	11388076
CIELab	77.00, -12.35, 9.43
CIELCh	77, 15.542, 142.649
Yxy	51.5317, 0.3120, 0.3606
Android (android.graphics.Color)	4289578156 (0xFFADC4AC)
YUV	186.3870, -7.0928, -11.7404
Hunter-Lab	71.7856, -14.7517, 11.6118

Details

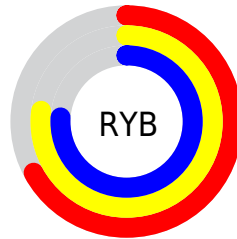
The CIELCh color $77, 15.542, 142.649$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 15.577, 323.943$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 15.849, 141.821$, and $57, 15.122, 142.365$ is the 20% darker color. If you saturate the color by 10%, you get $75, 28.349, 141.968$, and if you desaturate by 10%, it is $79, 2.808, 143.297$.

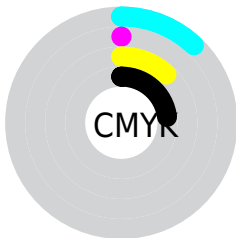
Distribution



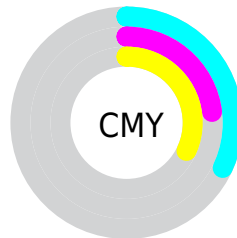
- Red (68%)
- Green (77%)
- Blue (67%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)




- Cyan (32%)
- Magenta (23%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.542, 142.649 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, 15.542, 142.649 by changing the saturation by 10% instead.


 77, 15.542,
142.649


 77, 15.542,
142.649


 100, 15.542,
142.649

 67, 15.542,
142.649

 97, 15.542,
142.649

 57, 15.542,
142.649

 47, 15.542,
142.649

 37, 15.542,
142.649

 27, 15.542,
142.649

 17, 15.542,
142.649

 7, 15.542, 142.649

■ 0, 15.542, 142.649

■ 77, 15.542,
142.649

■ 77, 15.542,
142.649

■ 75, 28.349,
141.968

■ 79, 2.808, 143.297

■ 74, 41.043,
141.185

■ 81, 9.729, 323.674

■ 73, 53.382,
140.298

■ 83, 21.982,
324.102

■ 72, 65.053,
139.325

■ 85, 33.894,
324.457

■ 71, 75.657,
138.310

■ 86, 36.805,
325.703

■ 70, 84.714,
137.345

■ 70, 91.701,
136.557

■ 69, 96.190,
136.079

■ 69, 98.159,
135.856

Harmonies

Complementary

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



77, 15.542, 142.649



73, 15.577, 323.943

Rectangle

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



77, 15.542, 142.649



77, 15.542, 192.649



77, 15.542, 322.649



77, 15.542, 12.649

Sweetspot

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



77, 15.544, 142.649



99, 6.246, 143.159



78, 12.141, 106.880



53, 4.443, 143.109



0, 0.000, 0.000



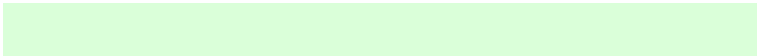
53, 0.007, 296.813

Same Dimension

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



77, 15.544, 142.649



97, 23.608, 142.455



77, 11.375, 160.096



40, 7.117, 142.829



57, 84.548, 135.811



10, 23.996, 143.314

Inverse Universe

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



73, 15.577, 323.943



91, 23.659, 324.101



73, 11.518, 341.999



38, 7.133, 323.789



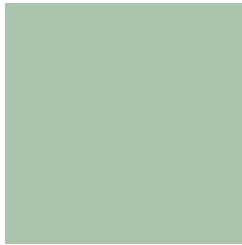
37, 81.975, 326.612



4, 23.700, 324.564

Previews

White Background



This preview shows how the CIELCh color 77, 15.542, 142.649 looks on a white background.

Color Contrast Check

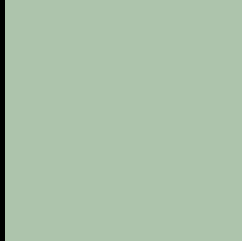
Large Text (above 18pt) WCAG AA × Fail

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, 15.542, 142.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

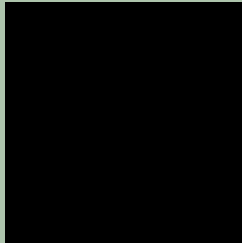
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 15.542, 142.649

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.542, 142.649.



This preview shows how white text looks on a background with the CIELCh color 77, 15.542, 142.649.

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, 15.542, 142.649

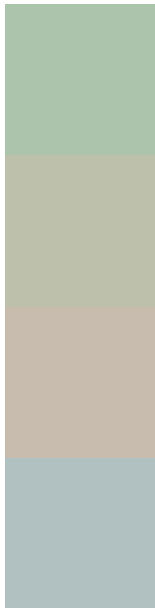
Protanopia
77, 11.242, 91.098

Deuteranopia
77, 12.793, 39.717



Tritanopia
77, 9.477, 264.637

Trichromacy



Original Color
77, 15.542, 142.649

Protanomaly
77, 11.811, 114.664

Deuteranomaly
77, 8.592, 80.006

Tritanomaly
77, 5.773, 204.404

Monochromacy



Original Color
77, 15.542, 142.649

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.249, 144.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.542, 142.649 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(173, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 172)  
}
```

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(173, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.542, 142.649 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(173, 196, 172) }
```

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

```
.border{ border-color:rgb(173, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.542, 142.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 172) }
```

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

```
.background{ background-color: rgb(173,  
196, 172) }
```

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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