

Converting Colors

CIELCh(77, 14.591, 144.707)

Have a look what the booklet for
CIELCh(77, 14.591, 144.707)
contains.

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Color

CIELCh(77, 14.653, 144.933)

Conversions

Conversions Part 1

Format	Color
Hex	ADC4AE
RGB	173, 196, 174
RGB Percent	68%, 77%, 68%
CMY	0.3209, 0.2306, 0.3169
CMYK	0.12, 0.00, 0.11, 0.23
HSL	123°, 16%, 72%
HSV	123°, 12%, 77%
XYZ	44.7134, 51.5317, 47.7274
YIQ	186.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

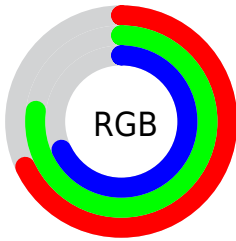
Format	Color
RYB	173, 195, 196
Decimal	11388078
CIELab	77.00, -11.99, 8.42
CIElCh	77, 14.653, 144.933
Yxy	51.5317, 0.3106, 0.3579
Android (android.graphics.Color)	4289578158 (0xFFADC4AE)
YUV	186.6150, -6.2192, -11.9404
Hunter-Lab	71.7856, -14.4417, 10.8304

Details

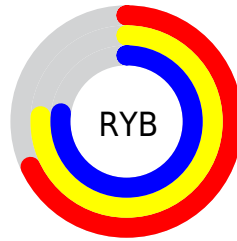
The CIELCh color $77, 14.653, 144.933$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 14.676, 326.258$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 14.993, 143.898$, and $57, 14.178, 144.862$ is the 20% darker color. If you saturate the color by 10%, you get $75, 27.251, 144.204$, and if you desaturate by 10%, it is $79, 2.136, 145.652$.

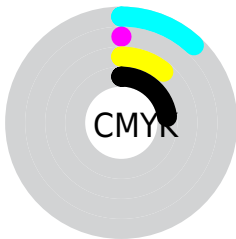
Distribution



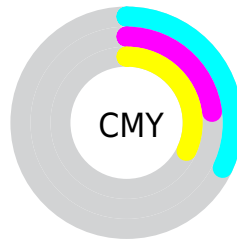
- Red (68%)
- Green (77%)
- Blue (68%)



- Red (68%)
- Yellow (76%)
- Blue (77%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 14.653, 144.933 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, 14.653, 144.933 by changing the saturation by 10% instead.


 77, 14.653,
144.933

 77, 14.653,
144.933


 100, 14.653,
144.933


 67, 14.653,
144.933


 97, 14.653,
144.933

 57, 14.653,
144.933

 47, 14.653,
144.933

 37, 14.653,
144.933

 27, 14.653,
144.933

 17, 14.653,
144.933

 7, 14.653, 144.933

0, 14.653, 144.933

77, 14.653,
144.933

77, 14.653,
144.933

75, 27.251,
144.204

79, 2.136, 145.652

74, 39.742,
143.360

81, 10.178,
326.023

73, 51.892,
142.389

83, 22.198,
326.480

71, 63.400,
141.294

86, 33.869,
326.861

71, 73.908,
140.103

86, 36.885,
325.706

70, 82.997,
138.881

■ 70, 90.222,
137.737

■ 69, 95.189,
136.809

■ 69, 97.549,
136.343

Harmonies

Complementary

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



77, 14.653, 144.933



73, 14.676, 326.258

Rectangle

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



77, 14.653, 144.933



77, 14.653, 194.933



77, 14.653, 324.933



77, 14.653, 14.933

Sweetspot

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



77, 14.655, 144.933



99, 6.146, 145.446



79, 12.235, 110.427



53, 4.372, 145.393



0, 0.000, 0.000



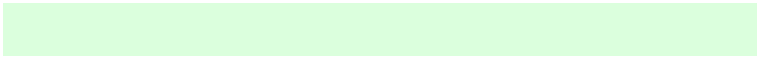
53, 0.007, 296.813

Same Dimension

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



77, 14.655, 144.933



97, 21.674, 144.761



77, 10.256, 164.516



40, 7.004, 145.092



57, 83.932, 136.432



10, 23.763, 144.867

Inverse Universe

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



73, 14.676, 326.258



91, 21.702, 326.401



73, 10.437, 346.464



38, 7.015, 326.122



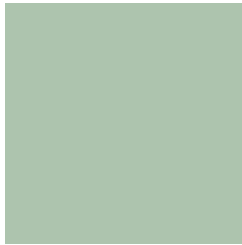
38, 79.094, 330.019



4, 23.263, 327.819

Previews

White Background



This preview shows how the CIE LCh color 77, 14.653, 144.933 looks on a white background.

Color Contrast Check

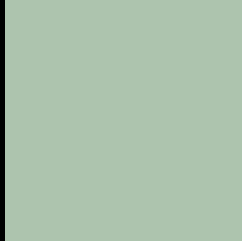
Large Text (above 18pt) WCAG AA × Fail

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, 14.653, 144.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

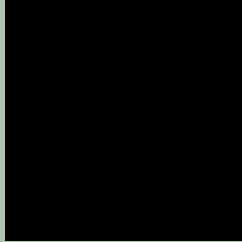
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 14.653, 144.933

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.653, 144.933.



This preview shows how white text looks on a background with the CIELCh color 77, 14.653, 144.933.

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, 14.653, 144.933

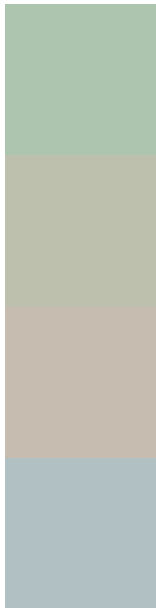
Protanopia
77, 10.732, 90.295

Deuteranopia
77, 12.039, 35.652



Tritanopia
77, 9.477, 264.637

Trichromacy



Original Color
77, 14.653, 144.933

Protanomaly
77, 10.751, 115.293

Deuteranomaly
77, 7.667, 76.264

Tritanomaly
77, 5.824, 209.712

Monochromacy



Original Color
77, 14.653, 144.933

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, 14.653, 144.933 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.653, 144.933 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, 174) }
```

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

```
.border{ border-color:rgb(173, 196, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.653, 144.933 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, 174) }
```

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

```
.background{ background-color: rgb(173,  
196, 174) }
```

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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