

Converting Colors

CIELCh(77, 19.232, 143.716)

Have a look what the booklet for
CIELCh(77, 19.232, 143.716)
contains.

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Color

CIELCh(77, 19.244, 144.415)

Conversions

Conversions Part 1

Format	Color
Hex	A8C6A9
RGB	168, 198, 169
RGB Percent	66%, 78%, 66%
CMY	0.3415, 0.2238, 0.3375
CMYK	0.15, 0.00, 0.15, 0.22
HSL	122°, 21%, 72%
HSV	122°, 15%, 78%
XYZ	43.4638, 51.5317, 45.1554
YIQ	185.7240, -8.5710, -15.3790

Conversions

Conversions Part 2

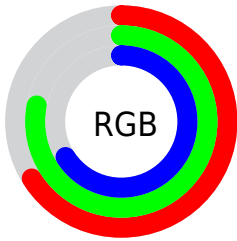
Format	Color
RYB	168, 197, 198
Decimal	11060905
CIELab	77.00, -15.65, 11.20
CIElCh	77, 19.244, 144.415
Yxy	51.5317, 0.3101, 0.3677
Android (android.graphics.Color)	4289250985 (0xFFA8C6A9)
YUV	185.7240, -8.2449, -15.5439
Hunter-Lab	71.7856, -17.5491, 12.9547

Details

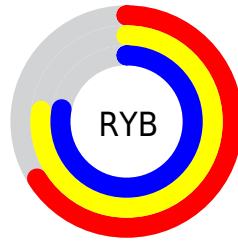
The CIELCh color **77, 19.244, 144.415** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 19.268, 326.168**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 19.577, 144.527**, and **57, 19.043, 144.202** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.007, 143.651**, and if you desaturate by 10%, it is **79, 6.504, 145.089**.

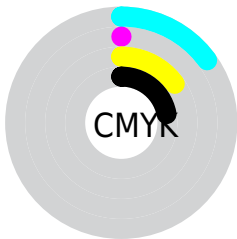
Distribution



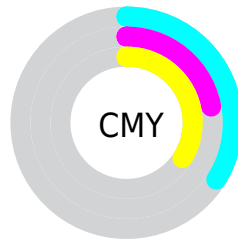
- Red (66%)
- Green (78%)
- Blue (66%)



- Red (66%)
- Yellow (77%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)





- Cyan (34%)
- Magenta (22%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 19.244, 144.415 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, 19.244, 144.415 by changing the saturation by 10% instead.


 77, 19.244,
144.415


 77, 19.244,
144.415


 100, 19.244,
144.415


 67, 19.244,
144.415


 97, 19.244,
144.415

 57, 19.244,
144.415

 47, 19.244,
144.415

 37, 19.244,
144.415

 27, 19.244,
144.415

 17, 19.244,
144.415

 7, 19.244, 144.415

0, 19.244, 144.415

77, 19.244,
144.415

77, 19.244,
144.415

75, 32.007,
143.651

79, 6.504, 145.089

74, 44.584,
142.766

81, 6.068, 325.553

73, 56.711,
141.755

83, 18.368,
326.048

72, 68.055,
140.631

85, 30.329,
326.449

71, 78.221,
139.436

86, 35.796,
325.669

70, 86.759,
138.256

■ 70, 93.205,
137.218

■ 70, 97.221,
136.461

■ 70, 98.381,
136.264

Harmonies

Complementary

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



77, 19.244, 144.415



72, 19.268, 326.168

Rectangle

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



77, 19.244, 144.415



77, 19.244, 194.415



77, 19.244, 324.415



77, 19.244, 14.415

Sweetspot

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



77, 19.246, 144.415



99, 7.745, 145.094



79, 15.915, 110.113



53, 5.288, 145.046



0, 0.000, 0.000



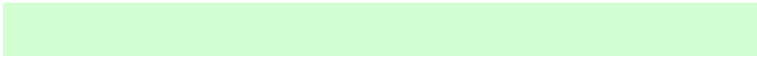
53, 0.007, 296.813

Same Dimension

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



77, 19.246, 144.415



96, 28.106, 144.189



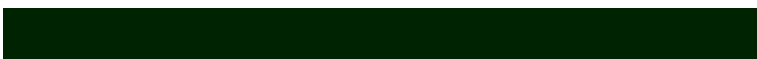
77, 13.345, 164.189



41, 7.205, 144.810



58, 85.123, 136.330



11, 26.176, 144.157

Inverse Universe

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



72, 19.268, 326.168



89, 28.134, 326.343



72, 13.645, 346.796



39, 7.217, 325.839



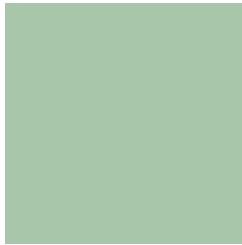
38, 80.646, 329.589



4, 25.993, 328.121

Previews

White Background



This preview shows how the CIELCh color 77, 19.244, 144.415 looks on a white background.

Color Contrast Check

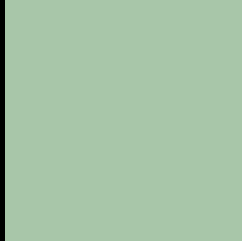
Large Text (above 18pt) WCAG AA × Fail

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, 19.244, 144.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

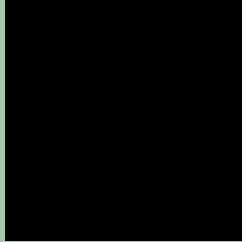
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 19.244, 144.415

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.244, 144.415.

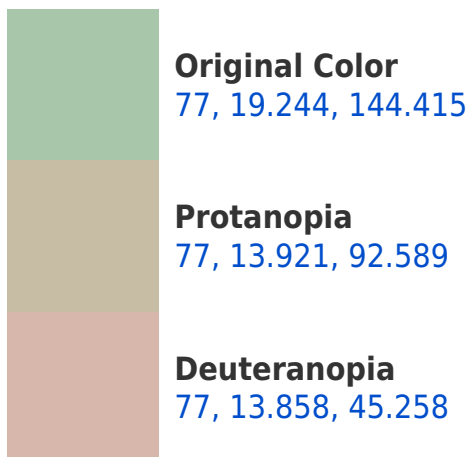



This preview shows how white text looks on a background with the CIELCh color 77, 19.244, 144.415.

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](#).

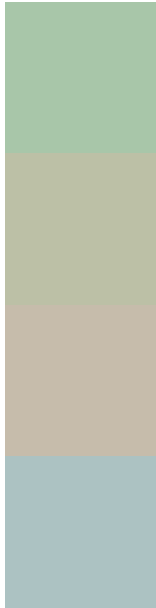
Dichromacy





Tritanopia
77, 10.490, 254.398

Trichromacy



Original Color
77, 19.244, 144.415

Protanomaly
77, 13.973, 115.217

Deuteranomaly
77, 9.876, 86.304

Tritanomaly
77, 7.866, 198.864

Monochromacy



Original Color
77, 19.244, 144.415

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.790, 146.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.244, 144.415 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(168, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 169)  
}
```

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(168, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.244, 144.415 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(168, 198, 169) }
```

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

```
.border{ border-color:rgb(168, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 198,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.244, 144.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 169) }
```

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

```
.background{ background-color: rgb(168,  
198, 169) }
```

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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