

Converting Colors

CIELCh(77, 19.072, 148.791)

Have a look what the booklet for
CIELCh(77, 19.072, 148.791)
contains.

CIELCh(77, 19.072, 148.791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 19.072, 148.791)

Conversions

Conversions Part 1

Format	Color
Hex	A5C6AB
RGB	165, 198, 171
RGB Percent	65%, 78%, 67%
CMY	0.3516, 0.2222, 0.3281
CMYK	0.17, 0.00, 0.14, 0.22
HSL	131°, 23%, 71%
HSV	131°, 17%, 78%
XYZ	43.2402, 51.5317, 46.3612
YIQ	185.0550, -11.0010, -15.3930

Conversions

Conversions Part 2

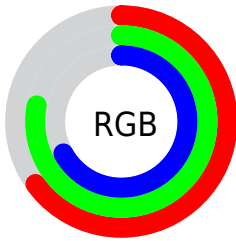
Format	Color
RYB	165, 193, 198
Decimal	10864299
CIELab	77.00, -16.31, 9.88
CIElCh	77, 19.072, 148.791
Yxy	51.5317, 0.3064, 0.3651
Android (android.graphics.Color)	4289054379 (0xFFA5C6AB)
YUV	185.0550, -6.9291, -17.5882
Hunter-Lab	71.7856, -18.1051, 11.9588

Details

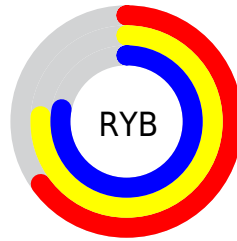
The CIELCh color **77, 19.072, 148.791** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 19.135, 330.909**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 19.411, 148.653**, and **57, 18.859, 148.838** is the 20% darker color. If you saturate the color by 10%, you get **75, 30.569, 147.961**, and if you desaturate by 10%, it is **79, 7.572, 149.523**.

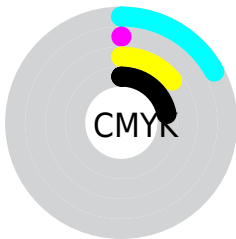
Distribution



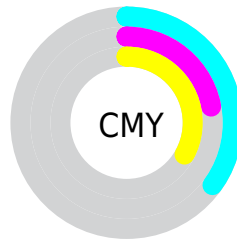
- Red (65%)
- Green (78%)
- Blue (67%)



- Red (65%)
- Yellow (76%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 19.072, 148.791 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, 19.072, 148.791 by changing the saturation by 10% instead.


 77, 19.072,
148.791


 77, 19.072,
148.791


 100, 19.072,
148.791


 67, 19.072,
148.791


 97, 19.072,
148.791

 57, 19.072,
148.791

 47, 19.072,
148.791

 37, 19.072,
148.791

 27, 19.072,
148.791

 17, 19.072,
148.791

 7, 19.072, 148.791

0, 19.072, 148.791

77, 19.072,
148.791

77, 19.072,
148.791

75, 30.569,
147.961

79, 7.572, 149.523

74, 41.887,
147.002

81, 3.805, 330.015

73, 52.815,
145.895

83, 14.962,
330.603

72, 63.111,
144.632

85, 25.835,
331.072

71, 72.511,
143.216

86, 34.483,
326.901

71, 80.749,
141.679

87, 35.535,
325.660

■ 70, 87.577,
140.085

■ 70, 92.803,
138.550

■ 70, 94.235,
138.116

Harmonies

Complementary

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



77, 19.072, 148.791



71, 19.135, 330.909

Rectangle

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



77, 19.072, 148.791



77, 19.072, 198.791



77, 19.072, 328.791



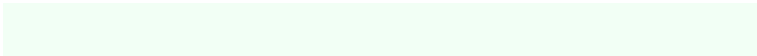
77, 19.072, 18.791

Sweetspot

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



77, 19.074, 148.791



99, 6.977, 149.638



79, 17.642, 115.509



53, 4.763, 149.585



0, 0.000, 0.000



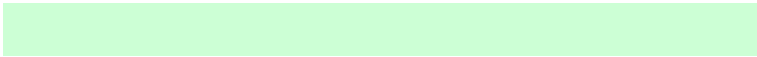
53, 0.007, 296.813

Same Dimension

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



77, 19.074, 148.791



96, 28.131, 148.501



77, 13.361, 172.166



41, 6.490, 149.328



58, 81.098, 138.343



11, 24.335, 146.913

Inverse Universe

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



71, 19.135, 330.909



88, 28.229, 331.145



71, 13.936, 355.295



39, 6.509, 330.443



37, 71.933, 336.968



4, 22.814, 334.133

Previews

White Background



This preview shows how the CIELCh color 77, 19.072, 148.791 looks on a white background.

Color Contrast Check

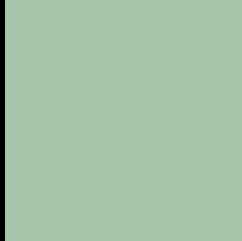
Large Text (above 18pt) WCAG AA × Fail

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, 19.072, 148.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

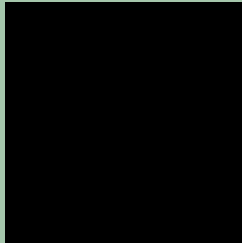
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

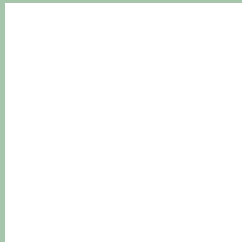
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 19.072, 148.791

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.072, 148.791.



This preview shows how white text looks on a background with the CIELCh color 77, 19.072, 148.791.

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, 19.072, 148.791

Protanopia
77, 12.267, 92.489

Deuteranopia
77, 13.009, 41.872



Tritanopia
77, 10.699, 248.097

Trichromacy



Original Color
77, 19.072, 148.791

Protanomaly
77, 12.516, 119.601

Deuteranomaly
77, 8.960, 91.919

Tritanomaly
77, 8.895, 198.780

Monochromacy



Original Color
77, 19.072, 148.791

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 7.024, 149.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.072, 148.791 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(165, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 171)  
}
```

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(165, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.072, 148.791 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(165, 198, 171) }
```

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

```
.border{ border-color:rgb(165, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.072, 148.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 171) }
```

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

```
.background{ background-color: rgb(165,  
198, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor