

Converting Colors

CIELCh(77, 19.516, 146.052)

Have a look what the booklet for
CIELCh(77, 19.516, 146.052)
contains.

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Color

CIELCh(77, 19.466, 145.249)

Conversions

Conversions Part 1

Format	Color
Hex	A7C6A9
RGB	167, 198, 169
RGB Percent	65%, 78%, 66%
CMY	0.3447, 0.2231, 0.3368
CMYK	0.16, 0.00, 0.15, 0.22
HSL	124°, 21%, 72%
HSV	124°, 16%, 78%
XYZ	43.3475, 51.5317, 45.2485
YIQ	185.4250, -9.1670, -15.5910

Conversions

Conversions Part 2

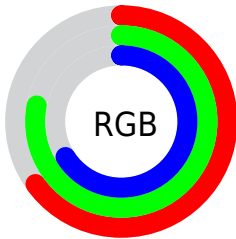
Format	Color
RYB	167, 196, 198
Decimal	10995369
CIELab	77.00, -15.99, 11.10
CIELCh	77, 19.466, 145.249
Yxy	51.5317, 0.3093, 0.3677
Android (android.graphics.Color)	4289185449 (0xFFA7C6A9)
YUV	185.4250, -8.0975, -16.1587
Hunter-Lab	71.7856, -17.8382, 12.8778

Details

The CIELCh color $77, 19.466, 145.249$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 19.495, 327.090$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 19.788, 145.317$, and $57, 19.278, 145.079$ is the 20% darker color. If you saturate the color by 10%, you get $75, 31.965, 144.471$, and if you desaturate by 10%, it is $79, 6.984, 145.933$.

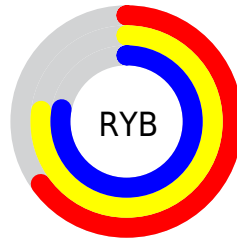
Distribution



Red (65%)

Green (78%)

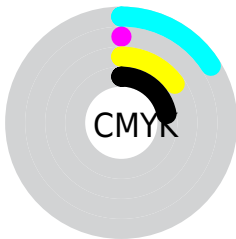
Blue (66%)



Red (65%)

Yellow (77%)

Blue (78%)

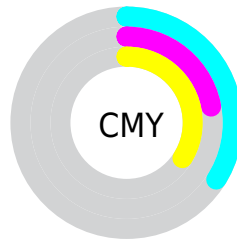


Cyan (16%)

Magenta (0%)

Yellow (15%)

Black (22%)



Cyan (34%)


Magenta (22%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 19.466, 145.249 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, 19.466, 145.249 by changing the saturation by 10% instead.


 77, 19.466,
145.249


 77, 19.466,
145.249


 100, 19.466,
145.249


 67, 19.466,
145.249


 97, 19.466,
145.249

 57, 19.466,
145.249

 47, 19.466,
145.249

 37, 19.466,
145.249

 27, 19.466,
145.249

 17, 19.466,
145.249

 7, 19.466, 145.249

0, 19.466, 145.249

77, 19.466,
145.249

77, 19.466,
145.249

75, 31.965,
144.471

79, 6.984, 145.933

74, 44.278,
143.570

81, 5.342, 326.404

73, 56.152,
142.537

83, 17.407,
326.917

72, 67.278,
141.380

85, 29.145,
327.331

71, 77.292,
140.131

86, 35.682,
325.665

70, 85.788,
138.864

■ 70, 92.355,
137.692

■ 70, 96.668,
136.754

■ 70, 97.883,
136.501

Harmonies

Complementary

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



77, 19.466, 145.249



72, 19.495, 327.090

Rectangle

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



77, 19.466, 145.249



77, 19.466, 195.249



77, 19.466, 325.249



77, 19.466, 15.249

Sweetspot

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



77, 19.468, 145.249



99, 7.580, 145.972



79, 16.451, 110.764



53, 5.175, 145.924



0, 0.000, 0.000



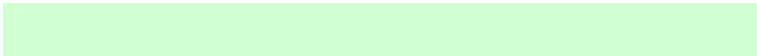
53, 0.007, 296.813

Same Dimension

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



77, 19.468, 145.249



96, 29.044, 144.980



77, 13.621, 165.077



41, 7.052, 145.684



58, 84.526, 136.620



11, 25.785, 144.703

Inverse Universe

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



72, 19.495, 327.090



88, 29.079, 327.299



72, 13.962, 347.815



39, 7.065, 326.726



38, 78.714, 330.949



4, 25.302, 329.222

Previews

White Background



This preview shows how the CIELCh color 77, 19.466, 145.249 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, 19.466, 145.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

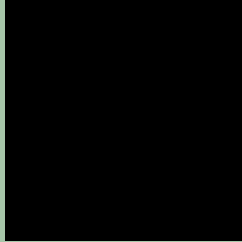
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 19.466, 145.249

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.466, 145.249.

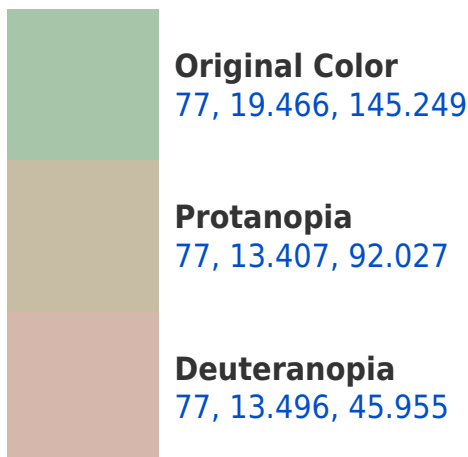


This preview shows how white text looks on a background with the CIELCh color 77, 19.466, 145.249.

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, 10.271, 250.941

Trichromacy



Original Color
77, 19.466, 145.249

Protanomaly
77, 14.026, 116.772

Deuteranomaly
77, 9.731, 88.414

Tritanomaly
77, 8.599, 195.209

Monochromacy



Original Color
77, 19.466, 145.249

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, 19.466, 145.249 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(167, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 198, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.466, 145.249 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(167, 198, 169) }
```

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

```
.border{ border-color:rgb(167, 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(167, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(167, 198,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.466, 145.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 198, 169) }
```

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

```
.background{ background-color: rgb(167,  
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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