

Converting Colors

CIELCh(77, 9.749, 161.067)

Have a look what the booklet for
CIELCh(77, 9.749, 161.067) contains.

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Color

CIELCh(77, 9.769, 161.547)

Conversions

Conversions Part 1

Format	Color
Hex	AEC3B8
RGB	174, 195, 184
RGB Percent	68%, 76%, 72%
CMY	0.3174, 0.2350, 0.2782
CMYK	0.11, 0.00, 0.06, 0.24
HSL	149°, 15%, 72%
HSV	149°, 11%, 76%
XYZ	45.6605, 51.5317, 52.9254
YIQ	187.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

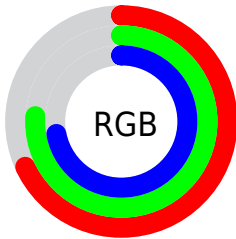
Format	Color
RYB	174, 188, 195
Decimal	11453368
CIELab	77.00, -9.27, 3.09
CIElCh	77, 9.769, 161.547
Yxy	51.5317, 0.3042, 0.3433
Android (android.graphics.Color)	4289643448 (0xFFAEC3B8)
YUV	187.4670, -1.7092, -11.8106
Hunter-Lab	71.7856, -12.0867, 6.5372

Details

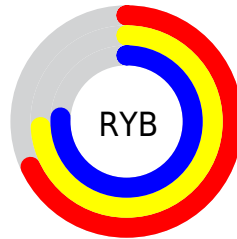
The CIELCh color $77, 9.769, 161.547$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 9.895, 343.227$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 9.904, 160.620$, and $57, 9.706, 162.509$ is the 20% darker color. If you saturate the color by 10%, you get $75, 18.829, 160.610$, and if you desaturate by 10%, it is $79, 0.689, 162.892$.

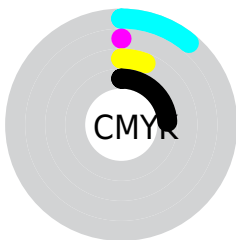
Distribution



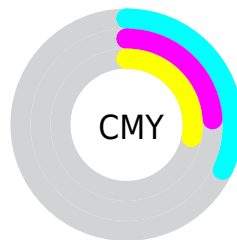
- Red (68%)
- Green (76%)
- Blue (72%)



- Red (68%)
- Yellow (74%)
- Blue (76%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.769, 161.547 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, 9.769, 161.547 by changing the saturation by 10% instead.

■ 77, 9.769, 161.547

■ 77, 9.769, 161.547

■ 100, 9.769,
161.547

■ 67, 9.769, 161.547

■ 97, 9.769, 161.547

■ 57, 9.769, 161.547

■ 47, 9.769, 161.547

■ 37, 9.769, 161.547

■ 27, 9.769, 161.547

■ 17, 9.769, 161.547

■ 7, 9.769, 161.547

■ 0, 9.769, 161.547

■ 77, 9.769, 161.547

■ 77, 9.769, 161.547

75, 18.829,
160.610

79, 0.689, 162.892

74, 27.747,
159.578

81, 8.324, 343.024

73, 36.387,
158.417

82, 17.198,
343.729

72, 44.596,
157.102

85, 25.883,
344.363

71, 52.222,
155.609

85, 29.917,
337.304

70, 59.130,
153.917

85, 33.682,
330.630

70, 65.227,
152.015

86, 37.584,
325.730

70, 70.484,
149.911

69, 74.720,

147.884

Harmonies

Complementary

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



77, 9.769, 161.547



73, 9.895, 343.227

Rectangle

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



77, 9.769, 161.547



77, 9.769, 211.547



77, 9.769, 341.547



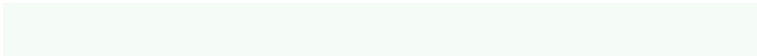
77, 9.769, 31.547

Sweetspot

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



77, 9.771, 161.544



98, 3.345, 162.287



78, 11.832, 127.416



53, 2.558, 162.192



0, 0.000, 0.000



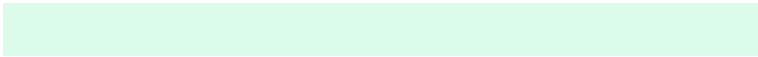
53, 0.007, 296.813

Same Dimension

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



77, 9.771, 161.544



96, 14.546, 161.323



77, 7.543, 196.029



40, 5.116, 161.670



58, 64.225, 148.240



10, 18.806, 155.511

Inverse Universe

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



73, 9.895, 343.227



91, 14.767, 343.446



73, 8.038, 17.342



38, 5.174, 343.102



34, 60.344, 359.284



3, 16.049, 350.897

Previews

White Background



This preview shows how the CIELCh color 77, 9.769, 161.547 looks on a white background.

Color Contrast Check

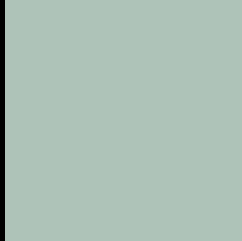
Large Text (above 18pt) WCAG AA × Fail

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, 9.769, 161.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

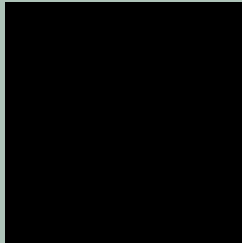
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

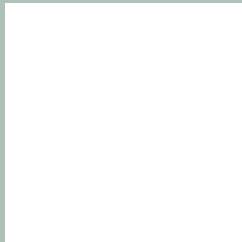
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 9.769, 161.547

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.769, 161.547.

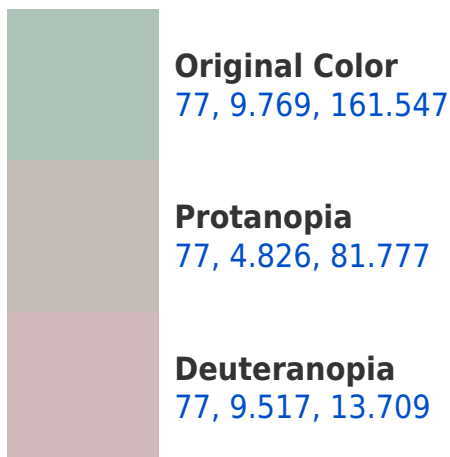


This preview shows how white text looks on a background with the CIELCh color 77, 9.769, 161.547.

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, 9.323, 259.214

Trichromacy



Original Color
77, 9.769, 161.547

Protanomaly
77, 5.056, 126.909

Deuteranomaly
77, 3.388, 47.741

Tritanomaly
77, 6.480, 228.978

Monochromacy



Original Color
77, 9.769, 161.547

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 3.665, 163.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.769, 161.547 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(174, 195, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 195, 184)  
}
```

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(174, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 195, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.769, 161.547 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(174, 195, 184) }
```

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

```
.border{ border-color:rgb(174, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 195,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.769, 161.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 195, 184) }
```

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

```
.background{ background-color: rgb(174,  
195, 184) }
```

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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