

Converting Colors

CIELCh(77, 26.966, 150.364)

Have a look what the booklet for
CIELCh(77, 26.966, 150.364)
contains.

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Color

CIELCh(77, 26.965, 150.348)

Conversions

Conversions Part 1

Format	Color
Hex	99CAA5
RGB	153, 202, 165
RGB Percent	60%, 79%, 65%
CMY	0.4012, 0.2091, 0.3542
CMYK	0.24, 0.00, 0.18, 0.21
HSL	135°, 31%, 69%
HSV	135°, 24%, 79%
XYZ	40.8819, 51.5317, 43.2376
YIQ	183.1310, -17.3270, -21.8950

Conversions

Conversions Part 2

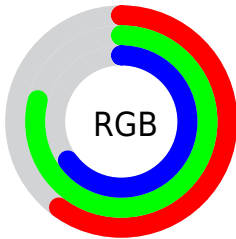
Format	Color
RYB	153, 192, 202
Decimal	10078885
CIELab	77.00, -23.43, 13.34
CIElCh	77, 26.965, 150.348
Yxy	51.5317, 0.3014, 0.3799
Android (android.graphics.Color)	4288268965 (0xFF99CAA5)
YUV	183.1310, -8.9386, -26.4249
Hunter-Lab	71.7856, -23.9690, 14.5387

Details

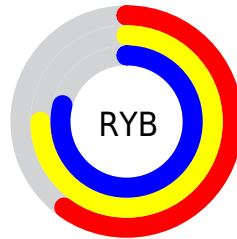
The CIELCh color $77, 26.965, 150.348$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $69, 27.135, 333.761$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 24.552, 151.207$, and $57, 27.145, 150.091$ is the 20% darker color. If you saturate the color by 10%, you get $76, 37.960, 149.391$, and if you desaturate by 10%, it is $79, 15.838, 151.180$.

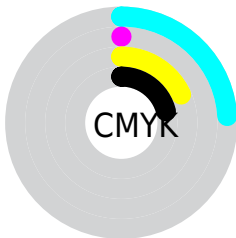
Distribution



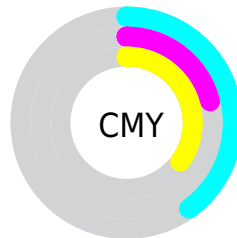
- Red (60%)
- Green (79%)
- Blue (65%)



- Red (60%)
- Yellow (75%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (40%)
- Magenta (21%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 26.965, 150.348 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, 26.965, 150.348 by changing the saturation by 10% instead.

 77, 26.965,
150.348

 77, 26.965,
150.348

 100, 26.965,
150.348

 67, 26.965,
150.348


 97, 26.965,
150.348

 57, 26.965,
150.348

 47, 26.965,
150.348

 37, 26.965,
150.348

 27, 26.965,
150.348

 17, 26.965,
150.348

 7, 26.965, 150.348

0, 26.965, 150.348

77, 26.965,
150.348

77, 26.965,
150.348

76, 37.960,
149.391

79, 15.838,
151.180

74, 48.629,
148.287

80, 4.726, 151.943

73, 58.759,
147.019

82, 6.251, 332.444

84, 17.008,
333.022

73, 68.122,
145.578

87, 27.488,
333.509

72, 76.496,
143.972

87, 33.446,
325.588

71, 83.688,
142.237

■ 71, 89.551,
140.446

■ 71, 92.343,
139.497

Harmonies

Complementary

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



77, 26.965, 150.348



69, 27.135, 333.761

Rectangle

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



77, 26.965, 150.348



77, 26.965, 200.348



77, 26.965, 330.348



77, 26.965, 20.348

Sweetspot

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



77, 26.967, 150.348



98, 9.347, 151.725



79, 26.226, 117.709



52, 6.076, 151.679



0, 0.000, 0.000



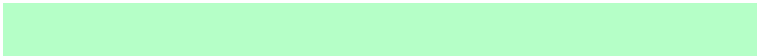
53, 0.007, 296.813

Same Dimension

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



77, 26.967, 150.348



94, 38.914, 149.876



78, 18.748, 176.007



42, 6.329, 151.553



59, 79.319, 139.766



12, 25.365, 147.397

Inverse Universe

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



69, 27.135, 333.761



82, 39.176, 334.128



68, 20.303, 0.875



40, 6.354, 332.727



37, 69.481, 340.892



5, 23.763, 337.664

Previews

White Background



This preview shows how the CIELCh color 77, 26.965, 150.348 looks on a white background.

Color Contrast Check

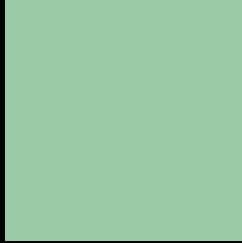
Large Text (above 18pt) WCAG AA × Fail

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, 26.965, 150.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

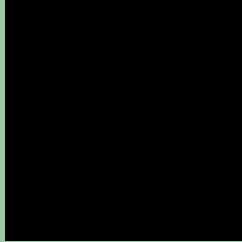
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 26.965, 150.348

Background



This preview shows how black text looks on a background with the CIELCh color 77, 26.965, 150.348.

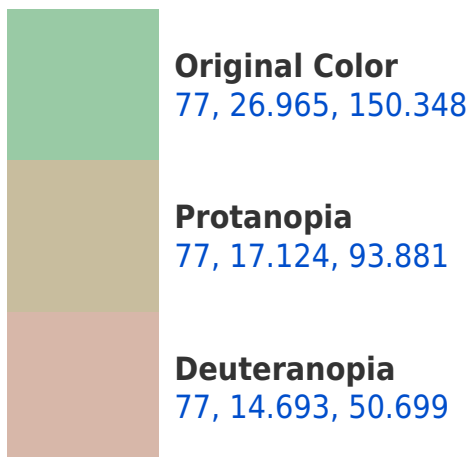


This preview shows how white text looks on a background with the CIELCh color 77, 26.965, 150.348.

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, 14.118, 236.430

Trichromacy



Original Color
77, 26.965, 150.348

Protanomaly
77, 18.633, 121.719

Deuteranomaly
77, 12.315, 105.418

Tritanomaly
77, 13.799, 191.641

Monochromacy



Original Color
77, 26.965, 150.348

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 10.144, 150.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 26.965, 150.348 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(153, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(153, 202, 165)  
}
```

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(153, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 202, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 26.965, 150.348 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(153, 202, 165) }
```

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

```
.border{ border-color:rgb(153, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(153, 202,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 26.965, 150.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 202, 165) }
```

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

```
.background{ background-color: rgb(153,  
202, 165) }
```

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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