

Converting Colors

CIELCh(77, 21.426, 144.983)

Have a look what the booklet for
CIELCh(77, 21.426, 144.983)
contains.

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Color

CIELCh(77, 21.426, 144.983)

Conversions

Conversions Part 1

Format	Color
Hex	A5C7A7
RGB	165, 199, 167
RGB Percent	65%, 78%, 65%
CMY	0.3536, 0.2203, 0.3458
CMYK	0.17, 0.00, 0.16, 0.22
HSL	124°, 23%, 71%
HSV	124°, 17%, 78%
XYZ	42.8247, 51.5317, 44.1669
YIQ	185.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

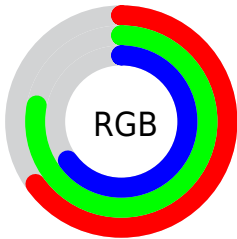
Format	Color
RYB	165, 197, 199
Decimal	10864551
CIELab	77.00, -17.55, 12.29
CIELCh	77, 21.426, 144.983
Yxy	51.5317, 0.3092, 0.3720
Android (android.graphics.Color)	4289054631 (0xFFA5C7A7)
YUV	185.1860, -8.9657, -17.7031
Hunter-Lab	71.7856, -19.1382, 13.7711

Details

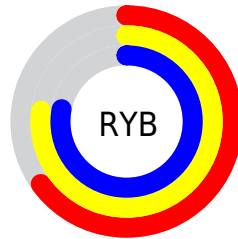
The CIELCh color **77, 21.426, 144.983** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 21.455, 327.008**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.047, 145.163**, and **57, 21.349, 144.748** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.997, 144.190**, and if you desaturate by 10%, it is **79, 8.845, 145.674**.

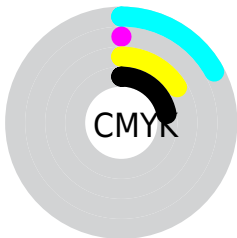
Distribution



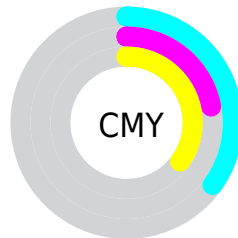
- Red (65%)
- Green (78%)
- Blue (65%)



- Red (65%)
- Yellow (77%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 21.426, 144.983 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, 21.426, 144.983 by changing the saturation by 10% instead.


 77, 21.426,
144.983

 77, 21.426,
144.983


 100, 21.426,
144.983

 67, 21.426,
144.983


 97, 21.426,
144.983

 57, 21.426,
144.983

 47, 21.426,
144.983

 37, 21.426,
144.983

 27, 21.426,
144.983

 17, 21.426,
144.983

 7, 21.426, 144.983

0, 21.426, 144.983

77, 21.426,
144.983

77, 21.426,
144.983

75, 33.997,
144.190

79, 8.845, 145.674

74, 46.346,
143.272

81, 3.596, 326.141

73, 58.208,
142.222

83, 15.786,
326.687

72, 69.259,
141.054

85, 27.655,
327.110

71, 79.121,
139.807

87, 35.230,
325.649

71, 87.375,
138.562

■ 70, 93.602,
137.441

■ 70, 97.517,
136.593

■ 70, 98.265,
136.453

Harmonies

Complementary

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



77, 21.426, 144.983



72, 21.455, 327.008

Rectangle

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



77, 21.426, 144.983



77, 21.426, 194.983



77, 21.426, 324.983



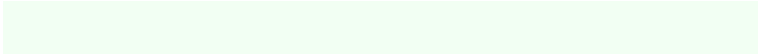
77, 21.426, 14.983

Sweetspot

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



77, 21.428, 144.983



99, 7.610, 145.810



79, 18.018, 110.635



53, 5.196, 145.762



0, 0.000, 0.000



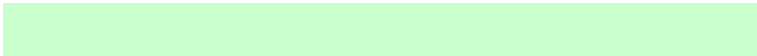
53, 0.007, 296.813

Same Dimension

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



77, 21.428, 144.983



95, 32.240, 144.664



77, 14.918, 164.935



41, 7.080, 145.522



58, 84.634, 136.567



11, 25.856, 144.603

Inverse Universe

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



72, 21.455, 327.008



87, 32.274, 327.249



71, 15.325, 347.961



39, 7.092, 326.562



38, 79.061, 330.696



4, 25.427, 329.016

Previews

White Background



This preview shows how the CIELCh color 77, 21.426, 144.983 looks on a white background.

Color Contrast Check

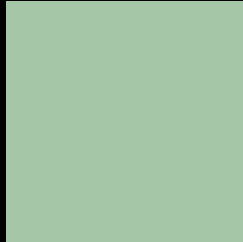
Large Text (above 18pt) WCAG AA × Fail

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, 21.426, 144.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

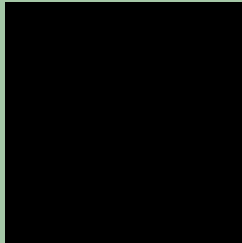
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

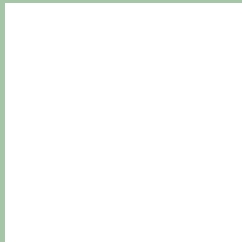
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 21.426, 144.983

Background



This preview shows how black text looks on a background with the CIELCh color 77, 21.426, 144.983.

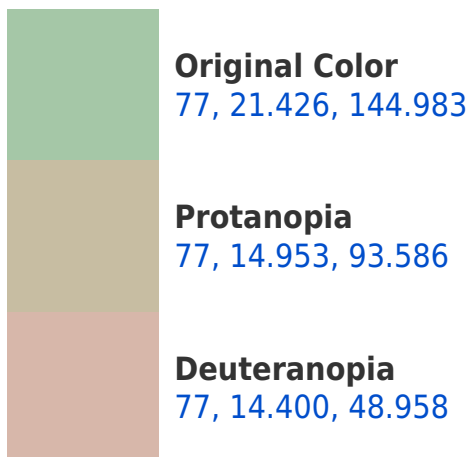


This preview shows how white text looks on a background with the CIELCh color 77, 21.426, 144.983.

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, 10.699, 248.097

Trichromacy



Original Color
77, 21.426, 144.983

Protanomaly
77, 15.650, 117.257

Deuteranomaly
77, 11.127, 93.008

Tritanomaly
77, 9.365, 192.126

Monochromacy



Original Color
77, 21.426, 144.983

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 7.890, 144.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 21.426, 144.983 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, 199, 167)` looks like.

```
.text, #text, p{  
    color:rgb(165, 199, 167)  
}
```

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, 199, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 199, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 21.426, 144.983 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, 199, 167) }
```

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

```
.border{ border-color:rgb(165, 199, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 199, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 199, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 199, 167); box-shadow:4px 4px 4px 4px rgb(165, 199, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 21.426, 144.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 199, 167) }
```

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

```
.background{ background-color: rgb(165,  
199, 167) }
```

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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