

Converting Colors

CIELCh(77, 17.937, 142.693)

Have a look what the booklet for
CIELCh(77, 17.937, 142.693)
contains.

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Color

CIELCh(77, 17.508, 142.675)

Conversions

Conversions Part 1

Format	Color
Hex	ABC5AA
RGB	171, 197, 170
RGB Percent	67%, 77%, 67%
CMY	0.3292, 0.2272, 0.3331
CMYK	0.13, 0.00, 0.14, 0.23
HSL	118°, 19%, 72%
HSV	118°, 14%, 77%
XYZ	44.0512, 51.5317, 45.6866
YIQ	186.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

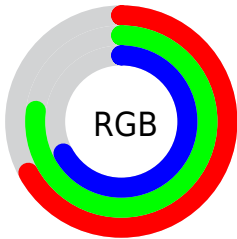
Format	Color
RYB	170, 197, 196
Decimal	11257258
CIELab	77.00, -13.92, 10.62
CIELCh	77, 17.508, 142.675
Yxy	51.5317, 0.3118, 0.3648
Android (android.graphics.Color)	4289447338 (0xFFABC5AA)
YUV	186.1480, -7.9610, -13.2848
Hunter-Lab	71.7856, -16.0884, 12.5159

Details

The CIELCh color $77, 17.508, 142.675$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $73, 17.545, 324.151$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 17.922, 142.878$, and $57, 17.206, 142.375$ is the 20% darker color. If you saturate the color by 10%, you get $75, 30.370, 141.975$, and if you desaturate by 10%, it is $79, 4.696, 143.308$.

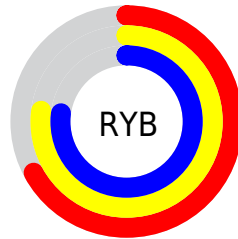
Distribution



Red (67%)

Green (77%)

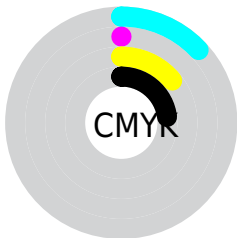
Blue (67%)



Red (67%)

Yellow (77%)

Blue (77%)

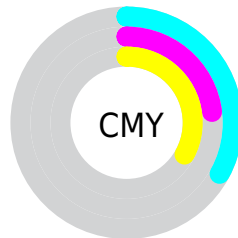


Cyan (13%)

Magenta (0%)

Yellow (14%)

Black (23%)



Cyan (33%)


Magenta (23%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 17.508, 142.675 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, 17.508, 142.675 by changing the saturation by 10% instead.


 77, 17.508,
142.675


 77, 17.508,
142.675


 100, 17.508,
142.675


 67, 17.508,
142.675


 97, 17.508,
142.675

 57, 17.508,
142.675

 47, 17.508,
142.675

 37, 17.508,
142.675

 27, 17.508,
142.675

 17, 17.508,
142.675

 7, 17.508, 142.675

0, 17.508, 142.675

77, 17.508,
142.675

77, 17.508,
142.675

75, 30.370,
141.975

79, 4.696, 143.308

74, 43.085,
141.170

81, 7.935, 323.728

73, 55.399,
140.260

83, 20.288,
324.174

72, 66.981,
139.266

85, 32.305,
324.540

71, 77.419,
138.239

86, 36.334,
325.687

70, 86.220,
137.275

■ 70, 92.859,
136.508

■ 70, 96.948,
136.066

■ 69, 98.464,
135.874

Harmonies

Complementary

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



77, 17.508, 142.675



73, 17.545, 324.151

Rectangle

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



77, 17.508, 142.675



77, 17.508, 192.675



77, 17.508, 322.675



77, 17.508, 12.675

Sweetspot

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



77, 17.510, 142.675



99, 6.256, 143.283



79, 13.643, 106.732



53, 4.449, 143.233



0, 0.000, 0.000



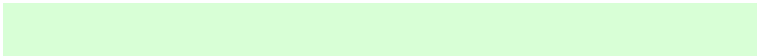
53, 0.007, 296.813

Same Dimension

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



77, 17.510, 142.675



96, 25.231, 142.507



77, 12.786, 159.964



41, 7.282, 142.950



58, 85.565, 135.838



11, 26.322, 142.891

Inverse Universe

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



73, 17.545, 324.151



90, 25.282, 324.285



72, 12.963, 342.128



39, 7.298, 323.919



38, 82.908, 326.790



4, 26.324, 325.541

Previews

White Background



This preview shows how the CIELCh color 77, 17.508, 142.675 looks on a white background.

Color Contrast Check

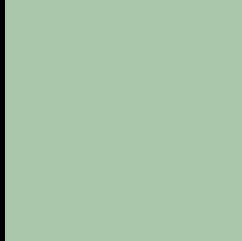
Large Text (above 18pt) WCAG AA × Fail

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, 17.508, 142.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

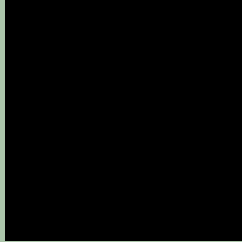
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 17.508, 142.675

Background



This preview shows how black text looks on a background with the CIELCh color 77, 17.508, 142.675.

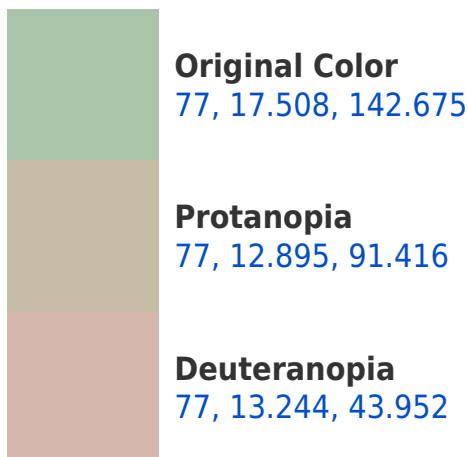


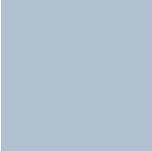
This preview shows how white text looks on a background with the CIELCh color 77, 17.508, 142.675.

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, 9.499, 257.423

Trichromacy



Original Color
77, 17.508, 142.675

Protanomaly
77, 13.401, 113.877

Deuteranomaly
77, 9.382, 85.116

Tritanomaly
77, 6.821, 198.955

Monochromacy



Original Color
77, 17.508, 142.675

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.361, 141.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 17.508, 142.675 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(171, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 197, 170)  
}
```

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(171, 197, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 197, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 17.508, 142.675 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(171, 197, 170) }
```

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

```
.border{ border-color:rgb(171, 197, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 197, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 197, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 197, 170); box-shadow:4px 4px 4px 4px rgb(171, 197, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 17.508, 142.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 197, 170) }
```

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

```
.background{ background-color: rgb(171,  
197, 170) }
```

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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