

Converting Colors

CIELCh(78, 12.690, 154.276)

Have a look what the booklet for
CIELCh(78, 12.690, 154.276)
contains.

CIELCh(78, 13.017, 154.219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 13.017, 154.219)

Conversions

Conversions Part 1

Format	Color
Hex	AEC7B6
RGB	174, 199, 182
RGB Percent	68%, 78%, 71%
CMY	0.3177, 0.2197, 0.2863
CMYK	0.13, 0.00, 0.09, 0.22
HSL	139°, 18%, 73%
HSV	139°, 13%, 78%
XYZ	46.3128, 53.2120, 52.0766
YIQ	189.5870, -9.4430, -10.5870

Conversions

Conversions Part 2

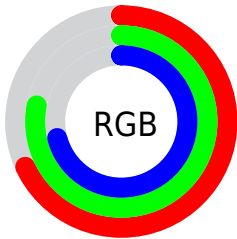
Format	Color
RYB	174, 193, 199
Decimal	11454390
CIELab	78.00, -11.72, 5.66
CIELCh	78, 13.017, 154.219
Yxy	53.2120, 0.3055, 0.3510
Android (android.graphics.Color)	4289644470 (0xFFAEC7B6)
YUV	189.5870, -3.7404, -13.6698
Hunter-Lab	72.9466, -14.3293, 8.7354

Details

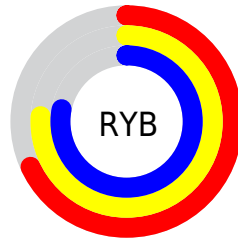
The CIELCh color **78, 13.017, 154.219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 13.105, 335.957**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 12.409, 154.428**, and **58, 13.131, 154.471** is the 20% darker color. If you saturate the color by 10%, you get **76, 23.419, 153.364**, and if you desaturate by 10%, it is **80, 2.638, 155.060**.

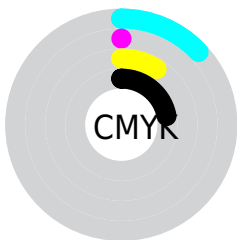
Distribution



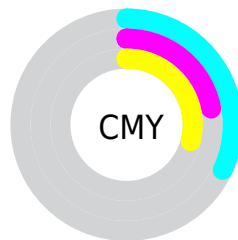
- Red (68%)
- Green (78%)
- Blue (71%)



- Red (68%)
- Yellow (76%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (32%)
- Magenta (22%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 13.017, 154.219 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 78, 13.017, 154.219 by changing the saturation by 10% instead.


 78, 13.017,
154.219


 78, 13.017,
154.219


 100, 13.017,
154.219


 68, 13.017,
154.219


 98, 13.017,
154.219

 58, 13.017,
154.219

 48, 13.017,
154.219

 38, 13.017,
154.219

 28, 13.017,
154.219

 18, 13.017,
154.219

 8, 13.017, 154.219

0, 13.017, 154.219

78, 13.017,
154.219

78, 13.017,
154.219

76, 23.419,
153.364

80, 2.638, 155.060

75, 33.703,
152.393

82, 7.618, 335.535

74, 43.705,
151.280

84, 17.673,
336.139

73, 53.241,
150.002

86, 27.476,
336.664

72, 62.115,
148.541

86, 32.922,
328.418

71, 70.144,
146.891

87, 35.132,
325.646

■ 71, 77.185,
145.063

■ 70, 83.147,
143.101

■ 70, 86.945,
141.661

Harmonies

Complementary

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



78, 13.017, 154.219



74, 13.105, 335.957

Rectangle

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



78, 13.017, 154.219



78, 13.017, 204.219



78, 13.017, 334.219



78, 13.017, 24.219

Sweetspot

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



78, 13.019, 154.218



99, 5.042, 154.907



79, 13.630, 121.734



53, 3.586, 154.840



0, 0.000, 0.000



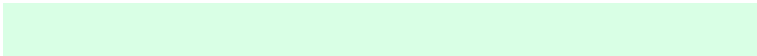
53, 0.007, 296.813

Same Dimension

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



78, 13.019, 154.218



97, 19.025, 154.000



78, 9.336, 183.482



41, 5.865, 154.472



59, 74.510, 141.976



11, 22.659, 149.910

Inverse Universe

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



74, 13.105, 335.957



90, 19.168, 336.156



73, 9.833, 5.667



39, 5.898, 335.719



36, 65.407, 346.158



4, 20.224, 341.808

Previews

White Background



This preview shows how the CIE LCh color 78, 13.017, 154.219 looks on a white background.

Color Contrast Check

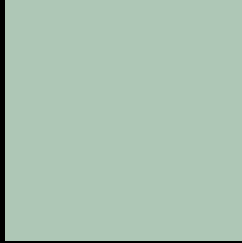
Large Text (above 18pt) WCAG AA × Fail

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 78, 13.017, 154.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

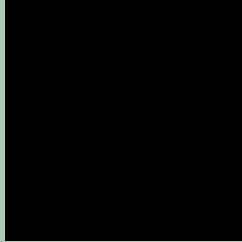
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

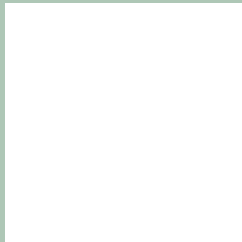
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 13.017, 154.219

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.017, 154.219.



This preview shows how white text looks on a background with the CIELCh color 78, 13.017, 154.219.

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



Original Color
78, 13.017, 154.219

Protanopia
78, 7.917, 89.791

Deuteranopia
78, 10.669, 23.073



Tritanopia
78, 9.658, 255.673

Trichromacy



Original Color
78, 13.017, 154.219

Protanomaly
78, 8.749, 121.823

Deuteranomaly
78, 4.783, 70.767

Tritanomaly
78, 7.035, 216.772

Monochromacy



Original Color
78, 13.017, 154.219

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.645, 155.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.017, 154.219 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, 199, 182)` looks like.

```
.text, #text, p{  
    color:rgb(174, 199, 182)  
}
```

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, 199, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 199, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.017, 154.219 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, 199, 182) }
```

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

```
.border{ border-color:rgb(174, 199, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 199, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 199, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 199, 182);  
box-shadow:4px 4px 4px 4px rgb(174, 199,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.017, 154.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 199, 182) }
```

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

```
.background{ background-color: rgb(174,  
199, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor