

Converting Colors

CIELCh(78, 19.798, 143.623)

Have a look what the booklet for
CIELCh(78, 19.798, 143.623)
contains.

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Color

CIELCh(78, 19.847, 144.366)

Conversions

Conversions Part 1

Format	Color
Hex	AAC9AB
RGB	170, 201, 171
RGB Percent	67%, 79%, 67%
CMY	0.3336, 0.2121, 0.3297
CMYK	0.15, 0.00, 0.15, 0.21
HSL	122°, 22%, 73%
HSV	122°, 15%, 79%
XYZ	44.7731, 53.2120, 46.4014
YIQ	188.3110, -8.8460, -15.9020

Conversions

Conversions Part 2

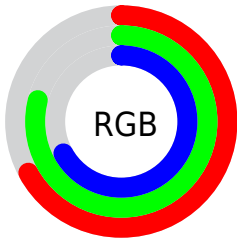
Format	Color
RYB	170, 200, 201
Decimal	11192747
CIELab	78.00, -16.13, 11.56
CIELCh	78, 19.847, 144.366
Yxy	53.2120, 0.3101, 0.3685
Android (android.graphics.Color)	4289382827 (0xFFAAC9AB)
YUV	188.3110, -8.5343, -16.0587
Hunter-Lab	72.9466, -18.0969, 13.3481

Details

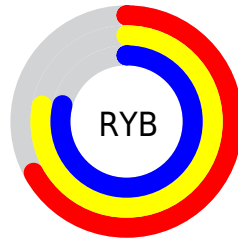
The CIELCh color **78, 19.847, 144.366** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 19.871, 326.155**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 18.112, 143.771**, and **58, 19.901, 144.991** is the 20% darker color. If you saturate the color by 10%, you get **76, 32.774, 143.598**, and if you desaturate by 10%, it is **80, 6.938, 145.041**.

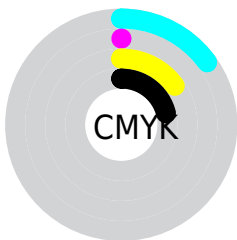
Distribution



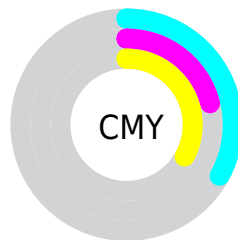
- Red (67%)
- Green (79%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (79%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)





- Cyan (33%)
- Magenta (21%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 19.847, 144.366 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, 19.847, 144.366 by changing the saturation by 10% instead.


 78, 19.847,
144.366

 78, 19.847,
144.366


 100, 19.847,
144.366


 68, 19.847,
144.366


 98, 19.847,
144.366

 58, 19.847,
144.366

 48, 19.847,
144.366

 38, 19.847,
144.366

 28, 19.847,
144.366

 18, 19.847,
144.366

 8, 19.847, 144.366

0, 19.847, 144.366

78, 19.847,
144.366

78, 19.847,
144.366

76, 32.774,
143.598

80, 6.938, 145.041

75, 45.505,
142.709

82, 5.804, 325.508

74, 57.769,
141.693

84, 18.272,
326.007

73, 69.227,
140.566

86, 30.398,
326.411

72, 79.474,
139.371

87, 33.914,
325.604

71, 88.050,
138.195

■ 71, 94.485,
137.169

■ 71, 98.444,
136.430

■ 71, 99.523,
136.252

Harmonies

Complementary

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



78, 19.847, 144.366



73, 19.871, 326.155

Rectangle

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



78, 19.847, 144.366



78, 19.847, 194.366



78, 19.847, 324.366



78, 19.847, 14.366

Sweetspot

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



78, 19.849, 144.366



99, 7.750, 145.065



80, 16.393, 109.391



53, 5.291, 145.018



0, 0.000, 0.000



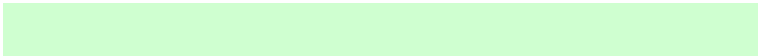
53, 0.007, 296.813

Same Dimension

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



78, 19.849, 144.366



96, 29.696, 144.085



78, 13.919, 163.248



41, 7.211, 144.781



58, 85.143, 136.320



11, 26.189, 144.139

Inverse Universe

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



73, 19.871, 326.155



88, 29.724, 326.371



73, 14.215, 345.875



39, 7.222, 325.810



38, 80.712, 329.545



4, 26.016, 328.086

Previews

White Background



This preview shows how the CIELCh color 78, 19.847, 144.366 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, 19.847, 144.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

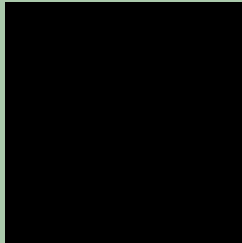
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 19.847, 144.366

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.847, 144.366.



This preview shows how white text looks on a background with the CIELCh color 78, 19.847, 144.366.

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, 19.847, 144.366

Protanopia
78, 14.393, 93.138

Deuteranopia
78, 14.070, 47.155



Tritanopia
78, 10.463, 254.365

Trichromacy



Original Color
78, 19.847, 144.366

Protanomaly
78, 14.512, 116.463

Deuteranomaly
78, 10.342, 87.399

Tritanomaly
78, 8.240, 195.097

Monochromacy



Original Color
78, 19.847, 144.366

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 7.428, 146.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.847, 144.366 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(170, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(170, 201, 171)  
}
```

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(170, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 201, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.847, 144.366 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(170, 201, 171) }
```

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

```
.border{ border-color:rgb(170, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 201,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.847, 144.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 201, 171) }
```

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

```
.background{ background-color: rgb(170,  
201, 171) }
```

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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