

Converting Colors

CIELCh(78, 9.751, 198.749)

Have a look what the booklet for
CIELCh(78, 9.751, 198.749) contains.

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Color

CIELCh(78, 9.557, 198.734)

Conversions

Conversions Part 1

Format	Color
Hex	ABC6C6
RGB	171, 198, 198
RGB Percent	67%, 78%, 78%
CMY	0.3289, 0.2229, 0.2230
CMYK	0.14, 0.00, 0.00, 0.22
HSL	180°, 19%, 72%
HSV	180°, 14%, 78%
XYZ	47.2623, 53.2120, 61.2935
YIQ	189.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

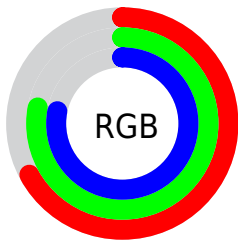
Format	Color
R_{YB}	171, 185, 198
Decimal	11257542
CIE Lab	78.00, -9.05, -3.07
CIE LCh	78, 9.557, 198.734
Yxy	53.2120, 0.2922, 0.3289
Android (android.graphics.Color)	4289447622 (0xFFABC6C6)
YUV	189.9270, 3.9800, -16.5990
Hunter-Lab	72.9466, -12.0059, 1.2440

Details

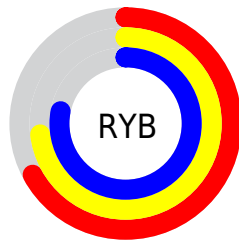
The CIELCh color **78, 9.557, 198.734** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 10.424, 20.254**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **58, 9.648, 198.522** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.064, 198.214**, and if you desaturate by 10%, it is **79, 2.609, 199.406**.

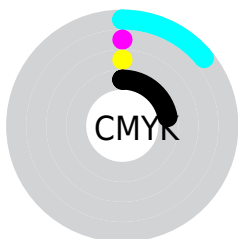
Distribution



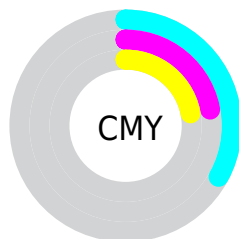
- Red (67%)
- Green (78%)
- Blue (78%)



- Red (67%)
- Yellow (73%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.557, 198.734 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, 9.557, 198.734 by changing the saturation by 10% instead.

■ 78, 9.557, 198.734

■ 78, 9.557, 198.734

■ 100, 9.557,
198.734

■ 68, 9.557, 198.734

■ 98, 9.557, 198.734

■ 58, 9.557, 198.734

■ 48, 9.557, 198.734

■ 38, 9.557, 198.734

■ 28, 9.557, 198.734

■ 18, 9.557, 198.734

■ 8, 9.557, 198.734

■ 0, 9.557, 198.734

■ 78, 9.557, 198.734

■ 78, 9.557, 198.734

77, 16.064,
198.214

79, 2.609, 199.406

76, 22.012,
197.766

81, 4.675, 19.641

75, 27.288,
197.378

83, 12.198, 20.302

74, 31.788,
197.054

84, 19.877, 20.926

73, 35.432,
196.794

85, 21.674, 21.069

73, 38.180,
196.600

85, 21.673, 21.063

73, 40.039,
196.470

85, 21.673, 21.060

73, 41.076,
196.397

85, 21.673, 21.057

73, 41.450,

Harmonies

Complementary

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



78, 9.557, 198.734



72, 10.424, 20.254

Rectangle

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



78, 9.557, 198.734



78, 9.557, 248.734



78, 9.557, 18.734



78, 9.557, 68.734

Sweetspot

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



78, 9.558, 198.725



99, 3.526, 199.361



77, 17.610, 143.205



53, 2.501, 199.290



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, 9.558, 198.725



97, 13.668, 198.584



75, 8.509, 255.438



41, 4.034, 198.970



61, 35.891, 196.370



12, 12.984, 196.374

Inverse Universe

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



72, 10.424, 20.254



89, 15.173, 20.475



76, 8.835, 71.924



39, 4.279, 19.914



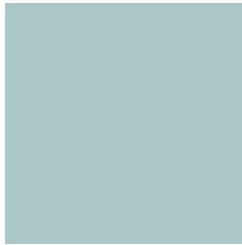
34, 74.640, 39.772



3, 15.885, 19.399

Previews

White Background



This preview shows how the CIELCh color 78, 9.557, 198.734 looks on a white background.

Color Contrast Check

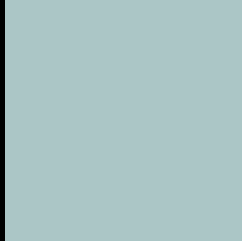
Large Text (above 18pt) WCAG AA × Fail

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, 9.557, 198.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

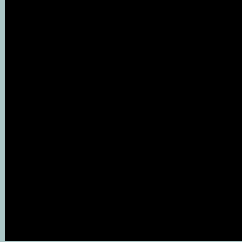
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

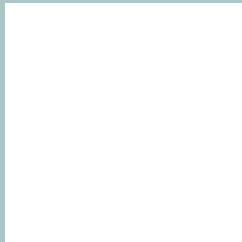
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.557, 198.734

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.557, 198.734.

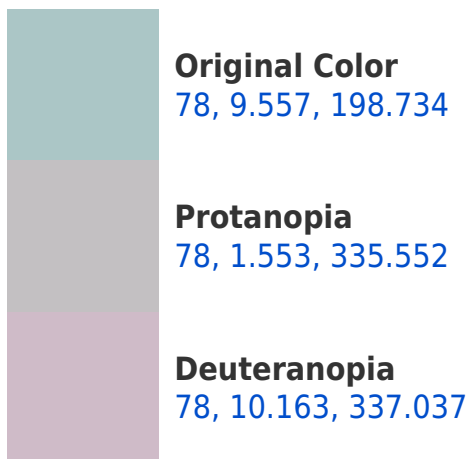


This preview shows how white text looks on a background with the CIELCh color 78, 9.557, 198.734.

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
78, 11.272, 248.731

Trichromacy



Original Color
78, 9.557, 198.734

Protanomaly
78, 3.074, 219.779

Deuteranomaly
78, 4.445, 304.774

Tritanomaly
78, 9.793, 232.184

Monochromacy



Original Color
78, 9.557, 198.734

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.633, 199.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.557, 198.734 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, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 198)  
}
```

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, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.557, 198.734 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, 198, 198) }
```

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

```
.border{ border-color:rgb(171, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 198, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 198, 198); box-shadow:4px 4px 4px 4px rgb(171, 198, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.557, 198.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 198) }
```

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

```
.background{ background-color: rgb(171,  
198, 198) }
```

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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