

Converting Colors

CIELCh(78, 17.277, 192.091)

Have a look what the booklet for
CIELCh(78, 17.277, 192.091)
contains.

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Color

CIELCh(78, 17.267, 192.765)

Conversions

Conversions Part 1

Format	Color
Hex	98CAC7
RGB	152, 202, 199
RGB Percent	60%, 79%, 78%
CMY	0.4028, 0.2067, 0.2185
CMYK	0.25, 0.00, 0.01, 0.21
HSL	176°, 32%, 70%
HSV	176°, 25%, 79%
XYZ	44.5285, 53.2120, 62.1276
YIQ	186.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

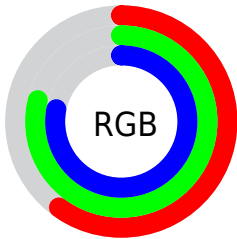
Format	Color
RYB	152, 178, 202
Decimal	10013383
CIELab	78.00, -16.84, -3.82
CIELCh	78, 17.267, 192.765
Yxy	53.2120, 0.2785, 0.3328
Android (android.graphics.Color)	4288203463 (0xFF98CAC7)
YUV	186.7080, 6.0600, -30.4389
Hunter-Lab	72.9466, -18.6953, 0.5661

Details

The CIELCh color **78, 17.267, 192.765** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 19.984, 16.636**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **58, 17.479, 192.139** is the 20% darker color. If you saturate the color by 10%, you get **77, 23.429, 192.084**, and if you desaturate by 10%, it is **79, 10.573, 193.458**.

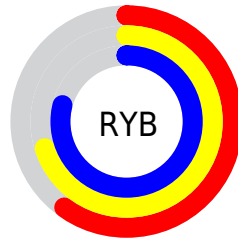
Distribution



Red (60%)

Green (79%)

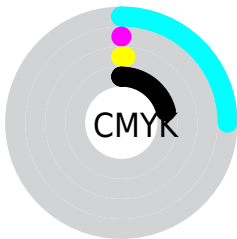
Blue (78%)



Red (60%)

Yellow (70%)

Blue (79%)

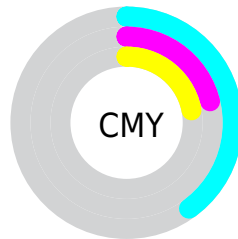


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (21%)



Cyan (40%)


Magenta (21%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 17.267, 192.765 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, 17.267, 192.765 by changing the saturation by 10% instead.


 78, 17.267,
192.765

 78, 17.267,
192.765


 100, 17.267,
192.765


 68, 17.267,
192.765


 98, 17.267,
192.765

 58, 17.267,
192.765

 48, 17.267,
192.765

 38, 17.267,
192.765

 28, 17.267,
192.765

 18, 17.267,
192.765

 8, 17.267, 192.765

■ 0, 17.267, 192.765

■ 78, 17.267,
192.765

■ 78, 17.267,
192.765

■ 77, 23.429,
192.084

■ 79, 10.573,
193.458

■ 76, 28.935,
191.418

■ 81, 3.466, 194.250

■ 75, 33.676,
190.757

■ 82, 3.945, 14.646

■ 84, 11.561, 15.434

■ 75, 37.563,
190.091

■ 86, 19.301, 16.151

■ 74, 40.547,
189.411

■ 86, 19.921, 14.538

■ 86, 19.955, 12.732

■ 74, 42.629,
188.703

■ 86, 20.010, 10.935

■ 74, 43.879,
187.951

■ 86, 20.085, 9.149

■ 74, 44.332,
187.544

Harmonies

Complementary

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



78, 17.267, 192.765



68, 19.984, 16.636

Rectangle

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



78, 17.267, 192.765



78, 17.267, 242.765



78, 17.267, 12.765



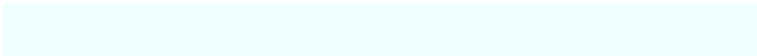
78, 17.267, 62.765

Sweetspot

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



78, 17.268, 192.761



99, 6.172, 194.034



77, 32.047, 141.150



53, 4.005, 193.984



0, 0.000, 0.000



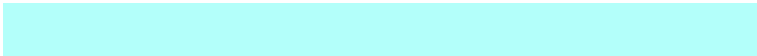
53, 0.007, 296.813

Same Dimension

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



78, 17.268, 192.761



95, 24.817, 192.374



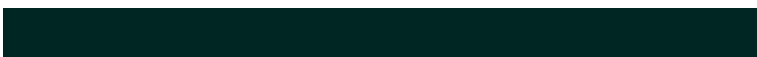
72, 14.951, 251.313



42, 4.153, 193.850



61, 38.200, 187.662



13, 14.053, 189.390

Inverse Universe

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



68, 19.984, 16.636



80, 29.818, 17.357



73, 16.439, 65.134



40, 4.377, 15.064



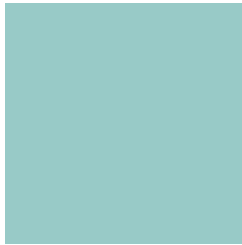
34, 73.145, 37.344



4, 17.947, 16.445

Previews

White Background



This preview shows how the CIELCh color 78, 17.267, 192.765 looks on a white background.

Color Contrast Check

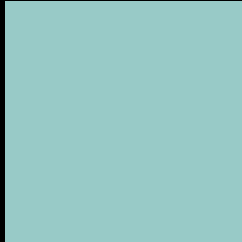
Large Text (above 18pt) WCAG AA × Fail

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, 17.267, 192.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

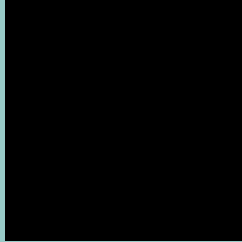
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

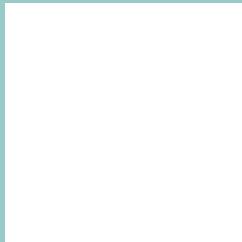
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 17.267, 192.765

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.267, 192.765.

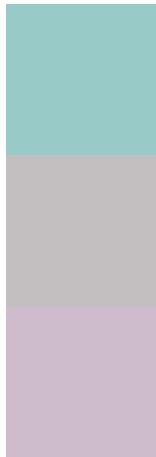


This preview shows how white text looks on a background with the CIELCh color 78, 17.267, 192.765.

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, 17.267, 192.765

Protanopia

78, 1.838, 343.600

Deuteranopia

78, 11.077, 329.626



Tritanopia
78, 16.644, 229.673

Trichromacy



Original Color
78, 17.267, 192.765

Protanomaly
78, 5.761, 199.053

Deuteranomaly
78, 5.393, 262.970

Tritanomaly
78, 16.023, 215.970

Monochromacy



Original Color
78, 17.267, 192.765

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.961, 190.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.267, 192.765 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(152, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(152, 202, 199)  
}
```

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(152, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 202, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.267, 192.765 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(152, 202, 199) }
```

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

```
.border{ border-color:rgb(152, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(152, 202,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.267, 192.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 202, 199) }
```

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

```
.background{ background-color: rgb(152,  
202, 199) }
```

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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