

Converting Colors

CIELCh(78, 22.322, 160.977)

Have a look what the booklet for
CIELCh(78, 22.322, 160.977)
contains.

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Color

CIELCh(78, 22.320, 160.978)

Conversions

Conversions Part 1

Format	Color
Hex	9BCCB3
RGB	155, 204, 179
RGB Percent	61%, 80%, 70%
CMY	0.3934, 0.2013, 0.2993
CMYK	0.24, 0.00, 0.12, 0.20
HSL	149°, 32%, 70%
HSV	149°, 24%, 80%
XYZ	43.0788, 53.2120, 50.4817
YIQ	186.4990, -21.1790, -18.1630

Conversions

Conversions Part 2

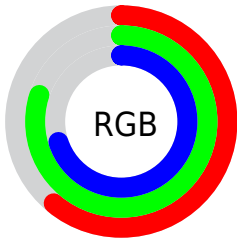
Format	Color
RYB	155, 188, 204
Decimal	10210483
CIELab	78.00, -21.10, 7.27
CIElCh	78, 22.320, 160.978
Yxy	53.2120, 0.2935, 0.3625
Android (android.graphics.Color)	4288400563 (0xFF9BCCB3)
YUV	186.4990, -3.6970, -27.6246
Hunter-Lab	72.9466, -22.2428, 10.0317

Details

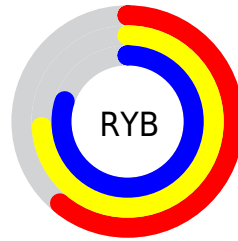
The CIELCh color **78, 22.320, 160.978** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 22.964, 345.230**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 18.759, 165.171**, and **58, 22.573, 160.255** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.368, 159.894**, and if you desaturate by 10%, it is **80, 13.077, 161.949**.

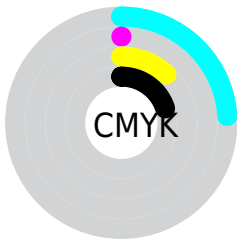
Distribution



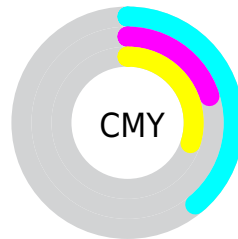
- Red (61%)
- Green (80%)
- Blue (70%)



- Red (61%)
- Yellow (74%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)





- Cyan (39%)
- Magenta (20%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.320, 160.978 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, 22.320, 160.978 by changing the saturation by 10% instead.

 78, 22.320,
160.978

 78, 22.320,
160.978


 100, 22.320,
160.978


 68, 22.320,
160.978


 98, 22.320,
160.978

 58, 22.320,
160.978

 48, 22.320,
160.978

 38, 22.320,
160.978

 28, 22.320,
160.978

 18, 22.320,
160.978

 8, 22.320, 160.978

■ 0, 22.320, 160.978

■ 78, 22.320,
160.978

■ 78, 22.320,
160.978

■ 77, 31.368,
159.894

■ 80, 13.077,
161.949

■ 75, 40.069,
158.676

■ 81, 3.763, 162.889

■ 75, 48.265,
157.295

■ 83, 5.515, 343.487

■ 85, 14.678,
344.247

■ 74, 55.803,
155.727

■ 87, 23.223,
344.038

■ 73, 62.560,
153.955

■ 87, 26.664,
334.558

■ 73, 68.462,
151.970

■ 88, 30.699,

■ 72, 73.512,
149.790

327.518

■ 72, 76.224,
148.475

■ 88, 32.183,
325.544

Harmonies

Complementary

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



78, 22.320, 160.978



69, 22.964, 345.230

Rectangle

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



78, 22.320, 160.978



78, 22.320, 210.978



78, 22.320, 340.978



78, 22.320, 30.978

Sweetspot

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



78, 22.322, 160.977



99, 7.811, 162.590



79, 27.475, 127.371



52, 5.076, 162.533



0, 0.000, 0.000



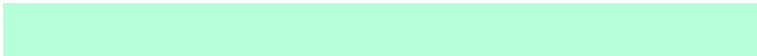
53, 0.007, 296.813

Same Dimension

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



78, 22.322, 160.977



94, 32.189, 160.415



79, 16.746, 196.690



42, 5.284, 162.377



60, 64.906, 148.841



12, 21.508, 154.857

Inverse Universe

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



69, 22.964, 345.230



82, 33.313, 345.789



68, 19.557, 19.938



40, 5.348, 343.837



35, 61.544, 0.666



4, 20.023, 352.893

Previews

White Background



This preview shows how the CIELCh color 78, 22.320, 160.978 looks on a white background.

Color Contrast Check

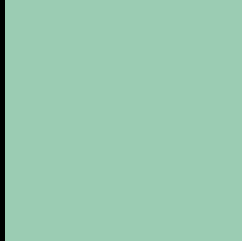
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 22.320, 160.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

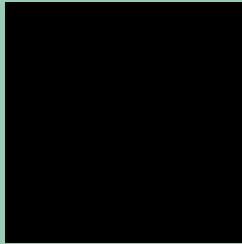
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 22.320, 160.978

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.320, 160.978.

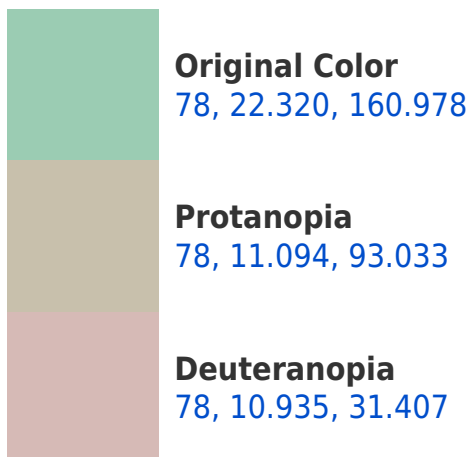


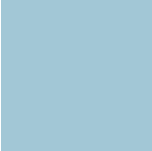
This preview shows how white text looks on a background with the CIELCh color 78, 22.320, 160.978.

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, 14.585, 232.247

Trichromacy



Original Color
78, 22.320, 160.978

Protanomaly
78, 12.613, 130.169

Deuteranomaly
77, 5.873, 109.623

Tritanomaly
78, 14.503, 198.355

Monochromacy



Original Color
78, 22.320, 160.978

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.960, 161.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.320, 160.978 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(155, 204, 179)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 179)  
}
```

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(155, 204, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.320, 160.978 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(155, 204, 179) }
```

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

```
.border{ border-color:rgb(155, 204, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 204, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 204, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 204, 179);  
box-shadow:4px 4px 4px 4px rgb(155, 204,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.320, 160.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 204, 179) }
```

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

```
.background{ background-color: rgb(155,  
204, 179) }
```

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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