

Converting Colors

CIELCh(78, 22.551, 164.760)

Have a look what the booklet for
CIELCh(78, 22.551, 164.760)
contains.

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Color

CIELCh(78, 22.465, 164.508)

Conversions

Conversions Part 1

Format	Color
Hex	98CCB5
RGB	152, 204, 181
RGB Percent	60%, 80%, 71%
CMY	0.4038, 0.1999, 0.2901
CMYK	0.25, 0.00, 0.11, 0.20
HSL	153°, 34%, 70%
HSV	153°, 25%, 80%
XYZ	42.8948, 53.2120, 51.7387
YIQ	185.8300, -23.6090, -18.1770

Conversions

Conversions Part 2

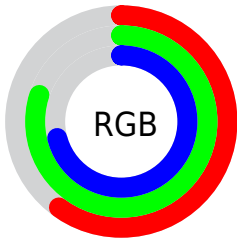
Format	Color
RYB	152, 185, 204
Decimal	10013877
CIELab	78.00, -21.65, 6.00
CIElCh	78, 22.465, 164.508
Yxy	53.2120, 0.2901, 0.3599
Android (android.graphics.Color)	4288203957 (0xFF98CCB5)
YUV	185.8300, -2.3812, -29.6689
Hunter-Lab	72.9466, -22.6930, 9.0100

Details

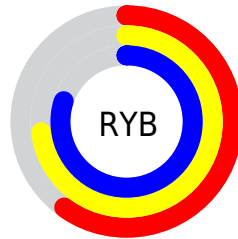
The CIELCh color **78, 22.465, 164.508** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 23.419, 349.320**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.023, 169.217**, and **58, 22.665, 163.854** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.950, 163.380**, and if you desaturate by 10%, it is **79, 13.730, 165.527**.

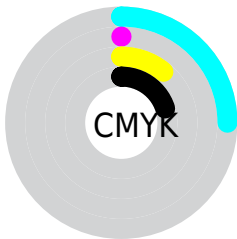
Distribution



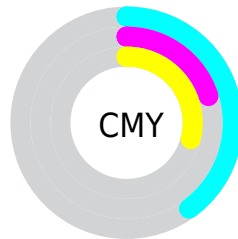
- Red (60%)
- Green (80%)
- Blue (71%)



- Red (60%)
- Yellow (73%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (40%)
- Magenta (20%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.465, 164.508 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, 22.465, 164.508 by changing the saturation by 10% instead.


 78, 22.465,
164.508

 78, 22.465,
164.508

 100, 22.465,
164.508

 68, 22.465,
164.508

 98, 22.465,
164.508

 58, 22.465,
164.508

 48, 22.465,
164.508

 38, 22.465,
164.508

 28, 22.465,
164.508

 18, 22.465,
164.508

 8, 22.465, 164.508

■ 0, 22.465, 164.508

■ 78, 22.465,
164.508

■ 78, 22.465,
164.508

■ 77, 30.950,
163.380

■ 79, 13.730,
165.527

■ 76, 39.036,
162.121

■ 81, 4.870, 166.499

■ 75, 46.576,
160.704

■ 83, 4.008, 347.138

■ 74, 53.431,
159.105

■ 85, 12.818,
347.984

■ 73, 59.498,
157.301

■ 87, 21.497,
348.713

■ 73, 64.728,
155.285

■ 87, 24.421,
339.676

■ 87, 27.625,

■ 73, 69.154,
153.069

332.227

■ 73, 70.996,
152.066

■ 88, 31.223,
326.497

■ 88, 31.965,
325.537

Harmonies

Complementary

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



78, 22.465, 164.508



68, 23.419, 349.320

Rectangle

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



78, 22.465, 164.508



78, 22.465, 214.508



78, 22.465, 344.508



78, 22.465, 34.508

Sweetspot

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



78, 22.466, 164.506



98, 8.510, 166.239



79, 29.643, 129.650



52, 6.047, 166.092



0, 0.000, 0.000



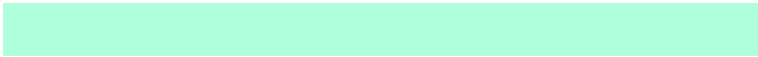
53, 0.007, 296.813

Same Dimension

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



78, 22.466, 164.506



94, 32.561, 163.854



78, 16.753, 203.007



42, 5.034, 166.115



60, 60.398, 152.439



12, 20.223, 158.234

Inverse Universe

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



68, 23.419, 349.320



80, 34.267, 350.017



68, 19.957, 25.275



40, 5.115, 347.652



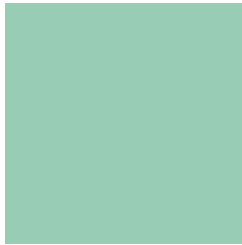
35, 61.154, 7.117



4, 19.401, 357.055

Previews

White Background



This preview shows how the CIELCh color 78, 22.465, 164.508 looks on a white background.

Color Contrast Check

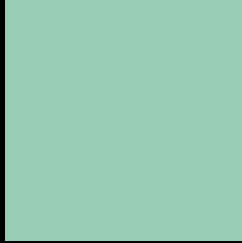
Large Text (above 18pt) WCAG AA × Fail

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, 22.465, 164.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

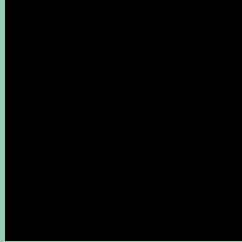
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

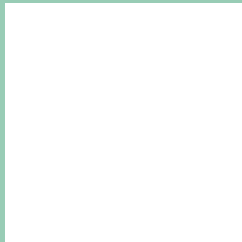
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.465, 164.508

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.465, 164.508.



This preview shows how white text looks on a background with the CIELCh color 78, 22.465, 164.508.

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, 22.465, 164.508

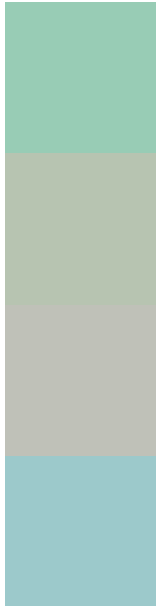
Protanopia
78, 10.070, 91.505

Deuteranopia
78, 10.669, 23.073



Tritanopia
78, 15.615, 232.075

Trichromacy



Original Color
78, 22.465, 164.508

Protanomaly
78, 11.295, 134.836

Deuteranomaly
78, 4.867, 118.553

Tritanomaly
78, 15.394, 202.316

Monochromacy



Original Color
78, 22.465, 164.508

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.539, 164.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.465, 164.508 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, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(152, 204, 181)  
}
```

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, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 204, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.465, 164.508 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, 204, 181) }
```

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

```
.border{ border-color:rgb(152, 204, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(152, 204,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.465, 164.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 204, 181) }
```

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

```
.background{ background-color: rgb(152,  
204, 181) }
```

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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