

Converting Colors

CIE LCh(78, 22.048, 181.200)

Have a look what the booklet for
CIELCh(78, 22.048, 181.200)
contains.

CIELCh(78, 22.337, 180.961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 22.337, 180.961)

Conversions

Conversions Part 1

Format	Color
Hex	8FCDC1
RGB	143, 205, 193
RGB Percent	56%, 80%, 76%
CMY	0.4401, 0.1970, 0.2440
CMYK	0.30, 0.00, 0.06, 0.20
HSL	168°, 38%, 68%
HSV	168°, 30%, 80%
XYZ	42.6654, 53.2120, 58.3415
YIQ	185.0940, -33.1000, -16.8760

Conversions

Conversions Part 2

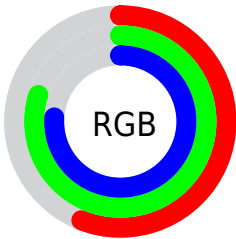
Format	Color
RYB	143, 177, 205
Decimal	9424321
CIELab	78.00, -22.33, -0.37
CIElCh	78, 22.337, 180.961
Yxy	53.2120, 0.2767, 0.3450
Android (android.graphics.Color)	4287614401 (0xFF8FCDC1)
YUV	185.0940, 3.8977, -36.9164
Hunter-Lab	72.9466, -23.2545, 3.6434

Details

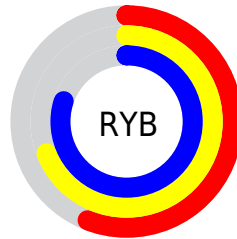
The CIELCh color **78, 22.337, 180.961** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 25.398, 7.110**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.250, 188.980**, and **58, 22.469, 181.085** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.888, 179.913**, and if you desaturate by 10%, it is **79, 15.291, 181.945**.

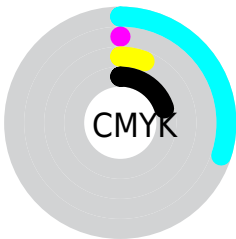
Distribution



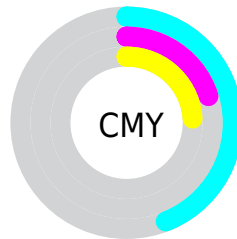
- Red (56%)
- Green (80%)
- Blue (76%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.337, 180.961 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, 22.337, 180.961 by changing the saturation by 10% instead.


 78, 22.337,
180.961


 78, 22.337,
180.961


 100, 22.337,
180.961


 68, 22.337,
180.961


 98, 22.337,
180.961

 58, 22.337,
180.961

 48, 22.337,
180.961

 38, 22.337,
180.961

 28, 22.337,
180.961

 18, 22.337,
180.961

 8, 22.337, 180.961

0, 22.337, 180.961

78, 22.337,
180.961

78, 22.337,
180.961

77, 28.888,
179.913

79, 15.291,
181.945

76, 34.812,
178.791

81, 7.876, 182.902

75, 39.994,
177.570

82, 0.210, 186.206

84, 7.607, 4.498

75, 44.343,
176.229

86, 15.488, 5.349

74, 47.818,
174.743

87, 19.520, 2.675

74, 50.441,
173.094

87, 20.147,
357.036

■ 74, 52.356,
171.366

■ 87, 20.966,
351.801

■ 87, 21.956,
347.013

Harmonies

Complementary

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



78, 22.337, 180.961



66, 25.398, 7.110

Rectangle

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



78, 22.337, 180.961



78, 22.337, 230.961



78, 22.337, 0.961



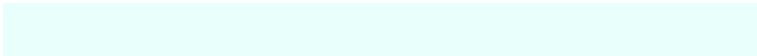
78, 22.337, 50.961

Sweetspot

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



78, 22.338, 180.958



98, 8.256, 183.015



78, 37.968, 137.215



52, 5.726, 182.872



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, 22.338, 180.958



94, 31.213, 180.320



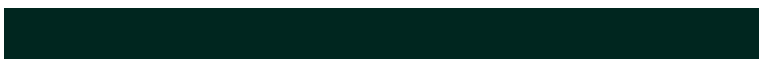
73, 17.246, 234.564



42, 4.340, 182.987



61, 44.577, 171.664



13, 15.791, 175.956

Inverse Universe

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



66, 25.398, 7.110



77, 36.529, 8.072



70, 20.698, 49.763



40, 4.507, 4.549



34, 67.314, 29.451



4, 18.196, 9.963

Previews

White Background



This preview shows how the CIELCh color 78, 22.337, 180.961 looks on a white background.

Color Contrast Check

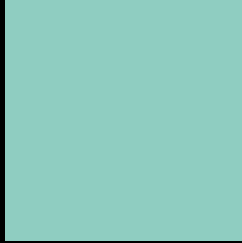
Large Text (above 18pt) WCAG AA × Fail

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, 22.337, 180.961 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

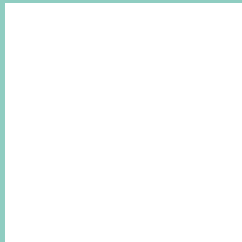
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.337, 180.961

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.337, 180.961.

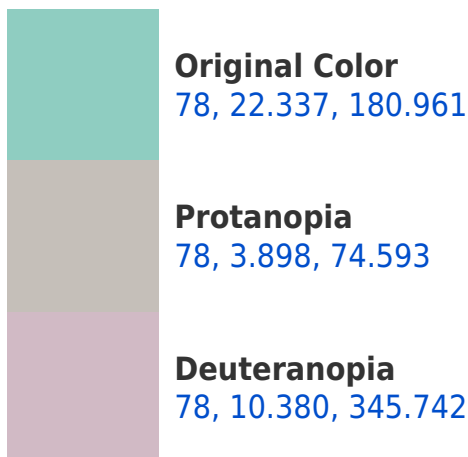


This preview shows how white text looks on a background with the CIELCh color 78, 22.337, 180.961.

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



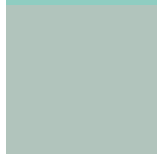


Tritanopia
78, 18.982, 225.332

Trichromacy



Original Color
78, 22.337, 180.961



Protanomaly
78, 8.205, 167.336



Deuteranomaly
78, 3.077, 219.779



Tritanomaly
78, 18.755, 208.041

Monochromacy



Original Color
78, 22.337, 180.961



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 8.278, 183.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.337, 180.961 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(143, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(143, 205, 193)  
}
```

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(143, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 205, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.337, 180.961 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(143, 205, 193) }
```

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

```
.border{ border-color:rgb(143, 205, 193) }
```

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

Here you see how a box with a 4 pixel rgb(143, 205, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(143, 205,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.337, 180.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 205, 193) }
```

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

```
.background{ background-color: rgb(143,  
205, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor