

Converting Colors

CIELCh(78, 22.144, 189.385)

Have a look what the booklet for
CIELCh(78, 22.144, 189.385)
contains.

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Color

CIELCh(78, 22.144, 189.385)

Conversions

Conversions Part 1

Format	Color
Hex	8CCDC7
RGB	140, 205, 199
RGB Percent	55%, 80%, 78%
CMY	0.4519, 0.1970, 0.2206
CMYK	0.32, 0.00, 0.03, 0.20
HSL	174°, 39%, 68%
HSV	174°, 32%, 80%
XYZ	42.8281, 53.2120, 61.8985
YIQ	184.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

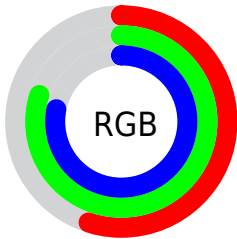
Format	Color
RYB	140, 174, 205
Decimal	9227719
CIELab	78.00, -21.85, -3.61
CIELCh	78, 22.144, 189.385
Yxy	53.2120, 0.2712, 0.3369
Android (android.graphics.Color)	4287417799 (0xFF8CCDC7)
YUV	184.8810, 6.9607, -39.3606
Hunter-Lab	72.9466, -22.8562, 0.7523

Details

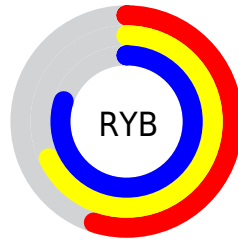
The CIELCh color **78, 22.144, 189.385** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 26.479, 15.067**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **58, 22.271, 188.485** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.057, 188.593**, and if you desaturate by 10%, it is **79, 15.633, 190.162**.

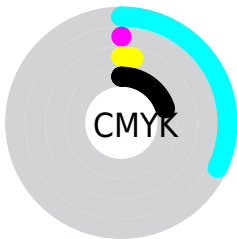
Distribution



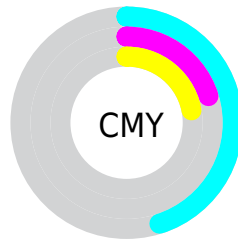
- Red (55%)
- Green (80%)
- Blue (78%)



- Red (55%)
- Yellow (68%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)




- Cyan (45%)
- Magenta (20%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.144, 189.385 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, 22.144, 189.385 by changing the saturation by 10% instead.


 78, 22.144,
189.385

 78, 22.144,
189.385

 100, 22.144,
189.385


 68, 22.144,
189.385

 98, 22.144,
189.385

 58, 22.144,
189.385

 48, 22.144,
189.385

 38, 22.144,
189.385

 28, 22.144,
189.385

 18, 22.144,
189.385

 8, 22.144, 189.385

■ 0, 22.144, 189.385

■ 78, 22.144,
189.385

■ 78, 22.144,
189.385

■ 77, 28.057,
188.593

■ 79, 15.633,
190.162

■ 76, 33.249,
187.785

■ 81, 8.646, 190.951

■ 75, 37.619,
186.946

■ 82, 1.304, 192.062

■ 84, 6.286, 12.304

■ 75, 41.099,
186.060

■ 86, 14.031, 13.093

■ 75, 43.669,
185.111

■ 87, 18.965, 12.468

■ 87, 19.068, 9.538

■ 74, 45.372,
184.082

■ 87, 19.223, 6.649

■ 74, 46.291,
183.180

■ 87, 19.428, 3.815

Harmonies

Complementary

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



78, 22.144, 189.385



65, 26.479, 15.067

Rectangle

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



78, 22.144, 189.385



78, 22.144, 239.385



78, 22.144, 9.385



78, 22.144, 59.385

Sweetspot

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



78, 22.145, 189.382



98, 8.828, 191.083



77, 41.066, 139.781



52, 6.006, 190.967



0, 0.000, 0.000



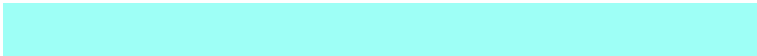
53, 0.007, 296.813

Same Dimension

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



78, 22.145, 189.382



94, 30.918, 188.851



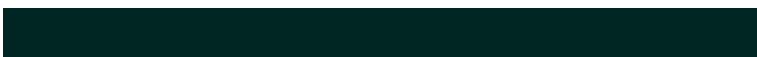
71, 18.733, 248.358



42, 4.184, 191.145



61, 39.501, 183.359



13, 14.411, 185.868

Inverse Universe

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



65, 26.479, 15.067



75, 38.588, 16.120



71, 21.643, 60.717



40, 4.394, 12.473



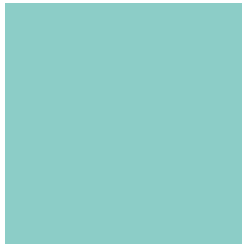
34, 71.850, 35.865



4, 17.986, 14.864

Previews

White Background



This preview shows how the CIE LCh color 78, 22.144, 189.385 looks on a white background.

Color Contrast Check

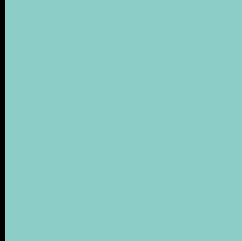
Large Text (above 18pt) WCAG AA × Fail

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, 22.144, 189.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

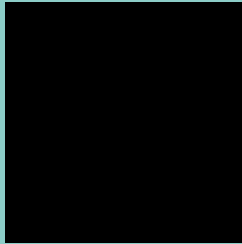
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

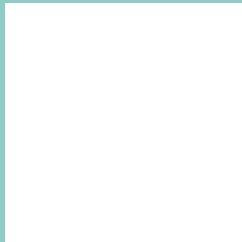
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.144, 189.385

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.144, 189.385.

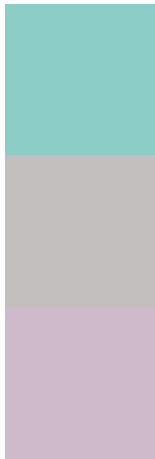


This preview shows how white text looks on a background with the CIELCh color 78, 22.144, 189.385.

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](#).

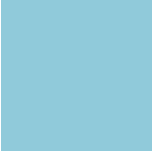
Dichromacy



Original Color
78, 22.144, 189.385

Protanopia
78, 1.852, 19.265

Deuteranopia
78, 11.728, 329.395



Tritanopia
78, 20.268, 223.393

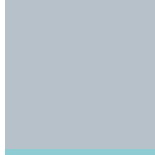
Trichromacy



Original Color
78, 22.144, 189.385



Protanomaly
78, 7.290, 190.440

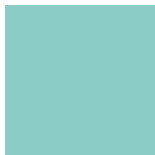


Deuteranomaly
77, 5.754, 247.593



Tritanomaly
78, 20.251, 210.332

Monochromacy



Original Color
78, 22.144, 189.385



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 8.356, 191.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.144, 189.385 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(140, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(140, 205, 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(140, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 205, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.144, 189.385 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(140, 205, 199) }
```

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

```
.border{ border-color:rgb(140, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(140, 205,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.144, 189.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 205, 199) }
```

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

```
.background{ background-color: rgb(140,  
205, 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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