

Converting Colors

CIELCh(78, 24.878, 211.563)

Have a look what the booklet for
CIELCh(78, 24.878, 211.563)
contains.

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Color

CIELCh(78, 24.878, 211.563)

Conversions

Conversions Part 1

Format	Color
Hex	7FCDD8
RGB	127, 205, 216
RGB Percent	50%, 80%, 85%
CMY	0.5014, 0.1956, 0.1524
CMYK	0.41, 0.05, 0.00, 0.15
HSL	187°, 53%, 67%
HSV	187°, 41%, 85%
XYZ	43.0464, 53.2120, 73.0570
YIQ	182.9320, -50.0190, -13.1150

Conversions

Conversions Part 2

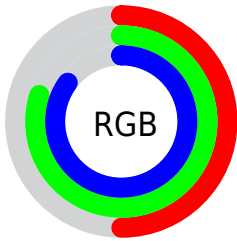
Format	Color
RYB	127, 169, 216
Decimal	8375768
CIELab	78.00, -21.20, -13.02
CIElCh	78, 24.878, 211.563
Yxy	53.2120, 0.2542, 0.3143
Android (android.graphics.Color)	4286565848 (0xFF7FCDD8)
YUV	182.9320, 16.3025, -49.0524
Hunter-Lab	72.9466, -22.3222, -8.3171

Details

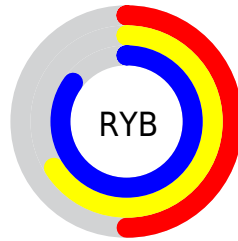
The CIELCh color **78, 24.878, 211.563** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 33.866, 32.736**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **58, 24.911, 210.644** is the 20% darker color. If you saturate the color by 10%, you get **76, 29.330, 212.112**, and if you desaturate by 10%, it is **80, 19.690, 211.218**.

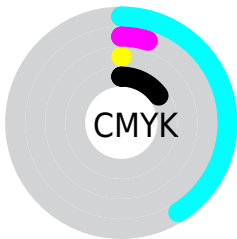
Distribution



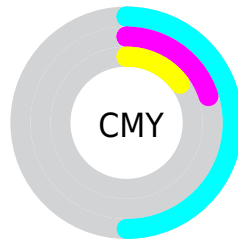
- Red (50%)
- Green (80%)
- Blue (85%)



- Red (50%)
- Yellow (66%)
- Blue (85%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.878, 211.563 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, 24.878, 211.563 by changing the saturation by 10% instead.


 78, 24.878,
211.563

 78, 24.878,
211.563


 100, 24.878,
211.563


 68, 24.878,
211.563

 98, 24.878,
211.563

 58, 24.878,
211.563

 48, 24.878,
211.563

 38, 24.878,
211.563

 28, 24.878,
211.563

 18, 24.878,
211.563

 8, 24.878, 211.563

0, 24.878, 211.563

78, 24.878,
211.563

78, 24.878,
211.563

76, 29.330,
212.112

80, 19.690,
211.218

75, 32.952,
212.916

82, 13.876,
211.049

74, 35.681,
214.023

84, 7.549, 211.035

72, 37.502,
215.486

86, 0.815, 211.734

71, 38.468,
217.352

88, 6.230, 31.055

91, 12.829, 31.849

71, 38.791,
219.305

91, 12.240, 38.970

■ 92, 11.861, 46.670

■ 93, 11.711, 54.712

Harmonies

Complementary

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



78, 24.878, 211.563



65, 33.866, 32.736

Rectangle

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



78, 24.878, 211.563



78, 24.878, 261.563



78, 24.878, 31.563



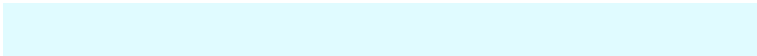
78, 24.878, 81.563

Sweetspot

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



78, 24.878, 211.560



97, 9.245, 211.029



79, 52.691, 144.483



51, 6.109, 211.023



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, 24.878, 211.560



89, 32.428, 212.000



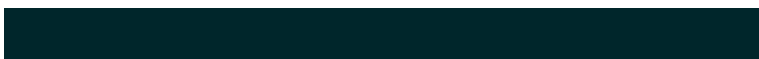
66, 31.689, 274.091



44, 3.824, 211.052



57, 32.586, 218.889



13, 12.961, 214.286

Inverse Universe

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



65, 52.376, 330.463



72, 70.241, 330.962



76, 32.858, 81.445



42, 7.208, 328.526



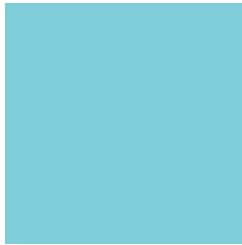
39, 77.747, 333.817



6, 30.101, 332.513

Previews

White Background



This preview shows how the CIELCh color 78, 24.878, 211.563 looks on a white background.

Color Contrast Check

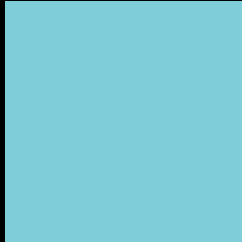
Large Text (above 18pt) WCAG AA × Fail

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, 24.878, 211.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

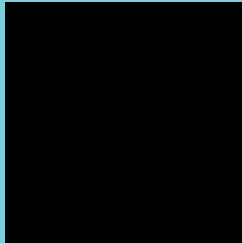
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 24.878, 211.563

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.878, 211.563.

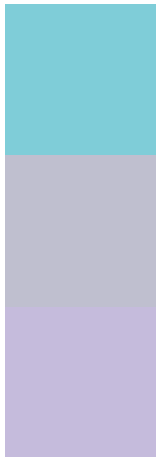


This preview shows how white text looks on a background with the CIELCh color 78, 24.878, 211.563.

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, 24.878, 211.563

Protanopia
78, 8.582, 290.968

Deuteranopia
78, 18.124, 302.835



Tritanopia
78, 24.857, 219.548

Trichromacy



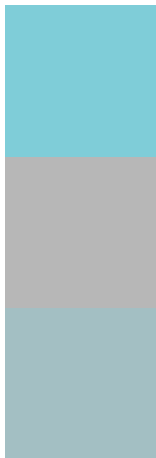
Original Color
78, 24.878, 211.563

Protanomaly
78, 12.002, 237.747

Deuteranomaly
78, 15.119, 261.978

Tritanomaly
78, 24.652, 217.029

Monochromacy



Original Color
78, 24.878, 211.563

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 10.034, 211.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.878, 211.563 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(127, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(127, 205, 216)  
}
```

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(127, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 205, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.878, 211.563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

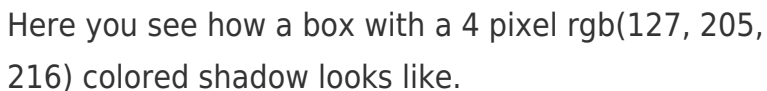
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 205, 216) }
```

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

```
.border{ border-color:rgb(127, 205, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(127, 205,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.878, 211.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 205, 216) }
```

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

```
.background{ background-color: rgb(127,  
205, 216) }
```

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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