

Converting Colors

CIELCh(78, 24.746, 206.337)

Have a look what the booklet for
CIELCh(78, 24.746, 206.337)
contains.

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Color

CIELCh(78, 24.545, 206.569)

Conversions

Conversions Part 1

Format	Color
Hex	80CDD4
RGB	128, 205, 212
RGB Percent	50%, 80%, 83%
CMY	0.4967, 0.1947, 0.1673
CMYK	0.40, 0.03, 0.00, 0.17
HSL	185°, 50%, 67%
HSV	185°, 40%, 83%
XYZ	42.7928, 53.2120, 70.5285
YIQ	182.7750, -48.1390, -14.1470

Conversions

Conversions Part 2

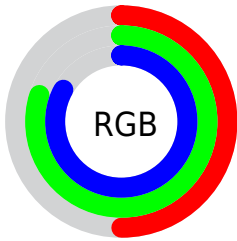
Format	Color
RYB	128, 168, 212
Decimal	8441300
CIELab	78.00, -21.95, -10.98
CIELCh	78, 24.545, 206.569
Yxy	53.2120, 0.2570, 0.3195
Android (android.graphics.Color)	4286631380 (0xFF80CDD4)
YUV	182.7750, 14.4079, -48.0377
Hunter-Lab	72.9466, -22.9425, -6.2621

Details

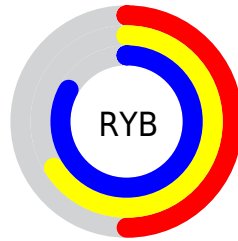
The CIELCh color **78, 24.545, 206.569** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 32.875, 29.315**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **58, 24.742, 205.260** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.200, 206.764**, and if you desaturate by 10%, it is **80, 19.153, 206.518**.

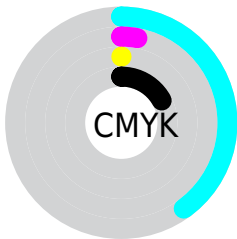
Distribution



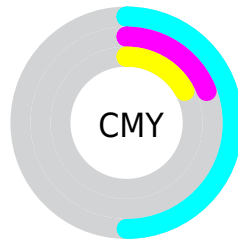
- Red (50%)
- Green (80%)
- Blue (83%)



- Red (50%)
- Yellow (66%)
- Blue (83%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)




- Cyan (50%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.545, 206.569 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, 24.545, 206.569 by changing the saturation by 10% instead.


 78, 24.545,
206.569

 78, 24.545,
206.569

 100, 24.545,
206.569


 68, 24.545,
206.569


 98, 24.545,
206.569

 58, 24.545,
206.569

 48, 24.545,
206.569

 38, 24.545,
206.569

 28, 24.545,
206.569

 18, 24.545,
206.569

 8, 24.545, 206.569

0, 24.545, 206.569

78, 24.545,
206.569

78, 24.545,
206.569

77, 29.200,
206.764

80, 19.153,
206.518

75, 33.020,
207.140

81, 13.136,
206.599

74, 35.934,
207.723

83, 6.612, 206.806

73, 37.918,
208.546

85, 0.313, 25.100

73, 39.009,
209.637

87, 7.539, 27.183

72, 39.385,
210.982

90, 14.203, 31.593

■ 72, 39.397,
211.044

■ 90, 13.779, 35.760

■ 91, 13.433, 40.166

Harmonies

Complementary

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



78, 24.545, 206.569



64, 32.875, 29.315

Rectangle

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



78, 24.545, 206.569



78, 24.545, 256.569



78, 24.545, 26.569



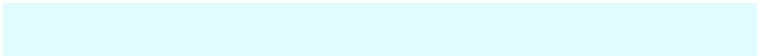
78, 24.545, 76.569

Sweetspot

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



78, 24.545, 206.566



97, 9.563, 206.738



78, 51.742, 143.225



52, 6.319, 206.708



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, 24.545, 206.566



91, 32.496, 206.710



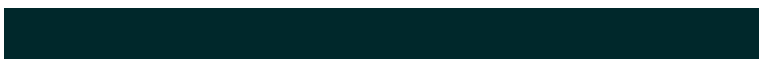
67, 28.157, 269.145



44, 3.955, 206.810



59, 33.544, 210.802



14, 13.353, 207.923

Inverse Universe

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



65, 51.077, 329.038



73, 69.521, 329.479



74, 30.089, 77.069



42, 7.413, 327.286



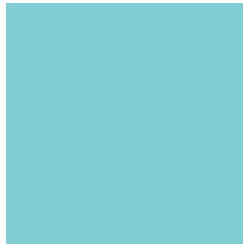
40, 80.219, 331.830



6, 31.011, 330.935

Previews

White Background



This preview shows how the CIELCh color 78, 24.545, 206.569 looks on a white background.

Color Contrast Check

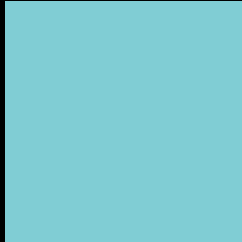
Large Text (above 18pt) WCAG AA × Fail

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, 24.545, 206.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

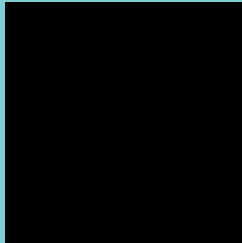
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

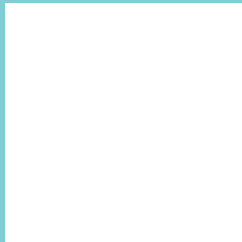
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 24.545, 206.569

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.545, 206.569.

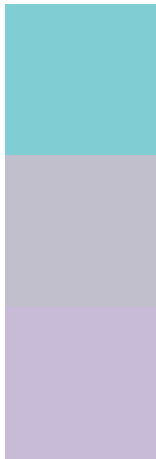


This preview shows how white text looks on a background with the CIELCh color 78, 24.545, 206.569.

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, 24.545, 206.569

Protanopia
78, 6.454, 293.967

Deuteranopia
78, 16.201, 306.678

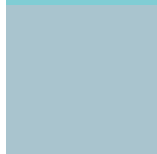


Tritanopia
78, 24.024, 218.982

Trichromacy



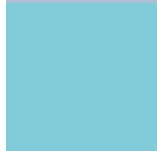
Original Color
78, 24.545, 206.569



Protanomaly
78, 10.649, 229.191



Deuteranomaly
78, 13.167, 258.226

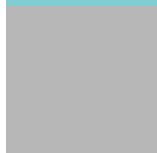


Tritanomaly
78, 23.994, 214.861

Monochromacy



Original Color
78, 24.545, 206.569



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 9.970, 208.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.545, 206.569 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(128, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(128, 205, 212)  
}
```

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(128, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 205, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.545, 206.569 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(128, 205, 212) }
```

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

```
.border{ border-color:rgb(128, 205, 212) }
```

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

Here you see how a box with a 4 pixel rgb(128, 205, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(128, 205,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.545, 206.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 205, 212) }
```

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

```
.background{ background-color: rgb(128,  
205, 212) }
```

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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