

Converting Colors

CIELCh(78, 44.807, 177.342)

Have a look what the booklet for
CIELCh(78, 44.807, 177.342)
contains.

CIELCh(78, 44.888, 177.357)	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, 44.888, 177.357)

Conversions

Conversions Part 1

Format	Color
Hex	43D7BC
RGB	67, 215, 188
RGB Percent	26%, 84%, 74%
CMY	0.7355, 0.1585, 0.2643
CMYK	0.69, 0.00, 0.13, 0.16
HSL	169°, 65%, 55%
HSV	169°, 69%, 84%
XYZ	35.5744, 53.2120, 55.7471
YIQ	167.6700, -79.5410, -39.7730

Conversions

Conversions Part 2

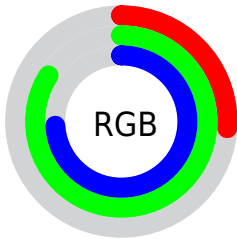
Format	Color
RYB	67, 148, 215
Decimal	4446140
CIELab	78.00, -44.84, 2.07
CIELCh	78, 44.888, 177.357
Yxy	53.2120, 0.2461, 0.3682
Android (android.graphics.Color)	4282636220 (0xFF43D7BC)
YUV	167.6700, 10.0227, -88.2876
Hunter-Lab	72.9466, -40.6060, 5.7521

Details

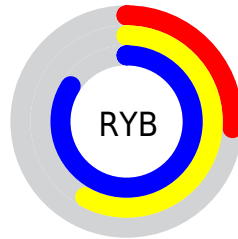
The CIELCh color **78, 44.888, 177.357** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **51, 61.565, 16.736**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.272, 188.258**, and **59, 40.983, 176.312** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.547, 175.929**, and if you desaturate by 10%, it is **79, 40.317, 178.647**.

Distribution



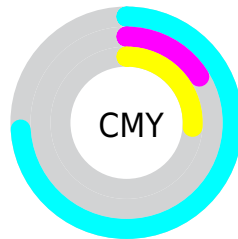
- Red (26%)
- Green (84%)
- Blue (74%)



- Red (26%)
- Yellow (58%)
- Blue (84%)



- Cyan (69%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)




- Cyan (74%)
- Magenta (16%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 44.888, 177.357 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, 44.888, 177.357 by changing the saturation by 10% instead.

 78, 44.888,
177.357

 78, 44.888,
177.357

 100, 44.888,
177.357

 68, 44.888,
177.357


 98, 44.888,
177.357

 58, 44.888,
177.357

 48, 44.888,
177.357

 38, 44.888,
177.357

 28, 44.888,
177.357

 18, 44.888,
177.357

 8, 44.888, 177.357

0, 44.888, 177.357

78, 44.888,
177.357

78, 44.888,
177.357

78, 48.547,
175.929

79, 40.317,
178.647

77, 51.307,
174.347

79, 34.884,
179.826

77, 53.301,
172.616

80, 28.688,
180.915

77, 53.566,
172.368

82, 21.854,
181.934

83, 14.515,
182.902

84, 6.804, 183.854

■ 86, 1.159, 4.177

■ 88, 9.269, 5.425

■ 89, 15.430, 4.132

Harmonies

Complementary

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



78, 44.888, 177.357



51, 61.565, 16.736

Rectangle

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



78, 44.888, 177.357



78, 44.888, 227.357



78, 44.888, 357.357



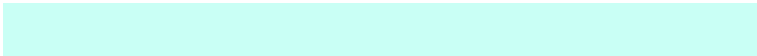
78, 44.888, 47.357

Sweetspot

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



78, 44.888, 177.356



96, 18.790, 182.650



77, 84.366, 134.750



51, 12.643, 182.382



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, 44.888, 177.356



90, 56.754, 175.278



66, 34.785, 243.114



44, 4.497, 183.770



62, 45.034, 172.669



15, 16.944, 176.328

Inverse Universe

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



51, 61.565, 16.736



56, 82.504, 22.552



58, 56.111, 48.801



42, 4.676, 5.328



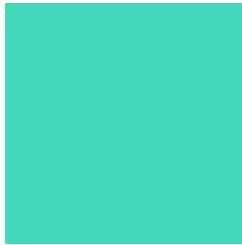
35, 69.380, 30.334



5, 22.032, 11.601

Previews

White Background



This preview shows how the CIELCh color 78, 44.888, 177.357 looks on a white background.

Color Contrast Check

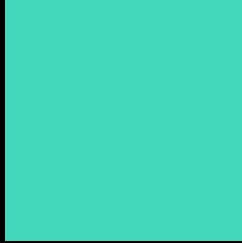
Large Text (above 18pt) WCAG AA × Fail

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, 44.888, 177.357 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

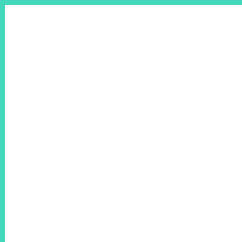
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 44.888, 177.357

Background



This preview shows how black text looks on a background with the CIELCh color 78, 44.888, 177.357.

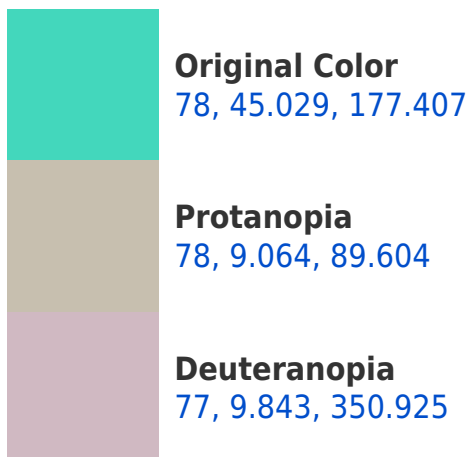


This preview shows how white text looks on a background with the CIELCh color 78, 44.888, 177.357.

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



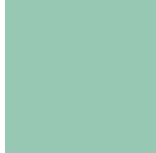


Tritanopia
78, 34.433, 212.688

Trichromacy



Original Color
78, 45.029, 177.407



Protanomaly
77, 20.727, 166.614

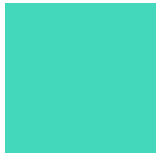


Deuteranomaly
76, 13.926, 189.437

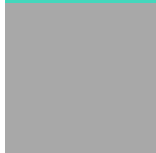


Tritanomaly
78, 36.743, 197.684

Monochromacy



Original Color
78, 45.029, 177.407



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 19.797, 181.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 44.888, 177.357 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(67, 215, 188)` looks like.

```
.text, #text, p{  
    color:rgb(67, 215, 188)  
}
```

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(67, 215, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 215, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 44.888, 177.357 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(67, 215, 188) }
```

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

```
.border{ border-color:rgb(67, 215, 188) }
```

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

Here you see how a box with a 4 pixel rgb(67, 215, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 215, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 215, 188);  
box-shadow:4px 4px 4px 4px rgb(67, 215,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 44.888, 177.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 215, 188) }
```

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

```
.background{ background-color: rgb(67, 215,  
188) }
```

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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