

Converting Colors

CIELCh(77, 28.197, 175.363)

Have a look what the booklet for
CIELCh(77, 28.197, 175.363)
contains.

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Color

CIELCh(77, 28.449, 175.051)

Conversions

Conversions Part 1

Format	Color
Hex	80CDB9
RGB	128, 205, 185
RGB Percent	50%, 80%, 73%
CMY	0.4995, 0.1975, 0.2759
CMYK	0.38, 0.00, 0.10, 0.20
HSL	164°, 43%, 65%
HSV	164°, 38%, 80%
XYZ	39.3074, 51.5317, 53.5721
YIQ	179.6970, -39.4720, -22.5440

Conversions

Conversions Part 2

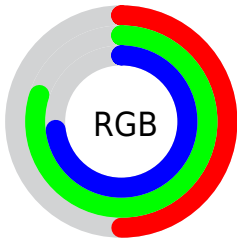
Format	Color
RYB	128, 172, 205
Decimal	8441273
CIELab	77.00, -28.34, 2.45
CIElCh	77, 28.449, 175.051
Yxy	51.5317, 0.2722, 0.3568
Android (android.graphics.Color)	4286631353 (0xFF80CDB9)
YUV	179.6970, 2.6144, -45.3383
Hunter-Lab	71.7856, -27.8842, 6.0031

Details

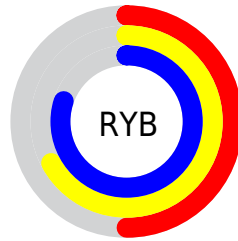
The CIELCh color **77, 28.449, 175.051** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 32.414, 3.334**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.723, 180.878**, and **57, 28.224, 175.362** is the 20% darker color. If you saturate the color by 10%, you get **76, 35.009, 173.839**, and if you desaturate by 10%, it is **78, 21.350, 176.162**.

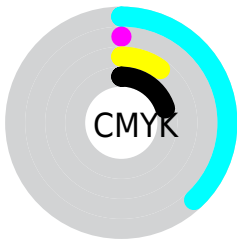
Distribution



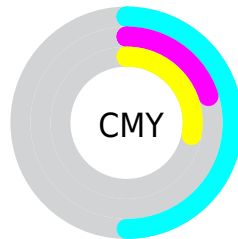
- Red (50%)
- Green (80%)
- Blue (73%)



- Red (50%)
- Yellow (67%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (50%)
- Magenta (20%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 28.449, 175.051 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 77, 28.449, 175.051 by changing the saturation by 10% instead.


 77, 28.449,
175.051


 77, 28.449,
175.051


 100, 28.449,
175.051


 67, 28.449,
175.051


 97, 28.449,
175.051

 57, 28.449,
175.051

 47, 28.449,
175.051

 37, 28.449,
175.051

 27, 28.449,
175.051

 17, 28.449,
175.051

 7, 28.449, 175.051

0, 28.449, 175.051

77, 28.449,
175.051

77, 28.449,
175.051

76, 35.009,
173.839

78, 21.350,
176.162

75, 40.898,
172.507

80, 13.842,
177.200

75, 46.012,
171.031

81, 6.053, 178.204

74, 50.285,
169.384

83, 1.904, 358.761

74, 53.711,
167.551

84, 9.935, 359.829

73, 56.389,
165.540

86, 17.963, 0.667
87, 20.477,
355.132

■ 73, 56.983,
165.065

■ 87, 21.698,
348.443

■ 87, 23.197,
342.570

Harmonies

Complementary

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



77, 28.449, 175.051



62, 32.414, 3.334

Rectangle

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



77, 28.449, 175.051



77, 28.449, 225.051



77, 28.449, 355.051



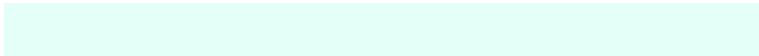
77, 28.449, 45.051

Sweetspot

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



77, 28.450, 175.049



98, 10.406, 177.848



77, 46.064, 134.866



52, 6.982, 177.711



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 28.450, 175.049



93, 39.799, 174.096



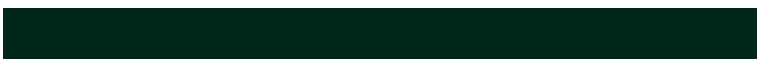
72, 20.946, 226.156



42, 4.485, 178.023



60, 48.481, 165.405



13, 16.859, 170.400

Inverse Universe

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



62, 32.414, 3.334



72, 46.679, 4.761



66, 27.182, 42.617



40, 4.625, 359.645



35, 64.662, 24.147



4, 18.398, 6.839

Previews

White Background



This preview shows how the CIELCh color 77, 28.449, 175.051 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 77, 28.449, 175.051 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

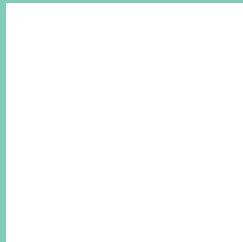
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 28.449, 175.051

Background



This preview shows how black text looks on a background with the CIELCh color 77, 28.449, 175.051.

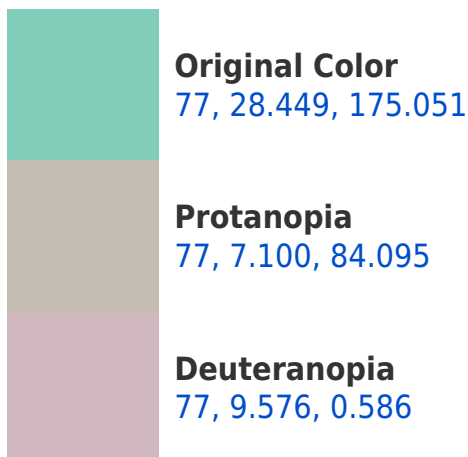


This preview shows how white text looks on a background with the CIELCh color 77, 28.449, 175.051.

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](#).

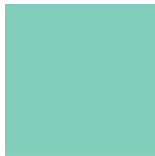
Dichromacy





Tritanopia
77, 22.058, 221.157

Trichromacy



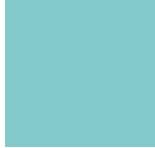
Original Color
77, 28.449, 175.051



Protanomaly
76, 11.783, 155.439



Deuteranomaly
76, 5.250, 174.899

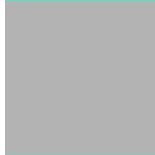


Tritanomaly
77, 22.763, 201.861

Monochromacy



Original Color
77, 28.449, 175.051



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 10.896, 178.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 28.449, 175.051 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(128, 205, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 205, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 28.449, 175.051 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, 185) }
```

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

```
.border{ border-color:rgb(128, 205, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 205, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 205, 185);  
box-shadow:4px 4px 4px 4px rgb(128, 205,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 28.449, 175.051 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, 185) }
```

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

```
.background{ background-color: rgb(128,  
205, 185) }
```

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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