

Converting Colors

CIELCh(82, 28.274, 195.487)

Have a look what the booklet for
CIELCh(82, 28.274, 195.487)
contains.

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Color

CIELCh(82, 28.383, 195.288)

Conversions

Conversions Part 1

Format	Color
Hex	81DBD9
RGB	129, 219, 217
RGB Percent	51%, 86%, 85%
CMY	0.4944, 0.1414, 0.1493
CMYK	0.41, 0.00, 0.01, 0.14
HSL	179°, 56%, 68%
HSV	179°, 41%, 86%
XYZ	46.8744, 60.2982, 74.7704
YIQ	191.8620, -52.9980, -19.7020

Conversions

Conversions Part 2

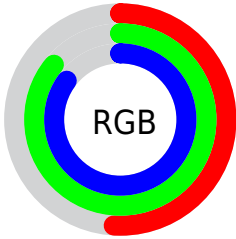
Format	Color
RYB	129, 175, 219
Decimal	8510425
CIELab	82.00, -27.38, -7.48
CIElCh	82, 28.383, 195.288
Yxy	60.2982, 0.2576, 0.3314
Android (android.graphics.Color)	4286700505 (0xFF81DBD9)
YUV	191.8620, 12.3930, -55.1300
Hunter-Lab	77.6519, -28.1397, -2.7336

Details

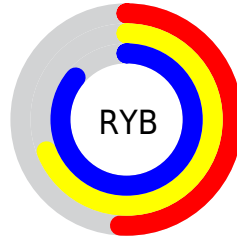
The CIELCh color **82, 28.383, 195.288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 37.578, 21.865**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **62, 28.471, 194.699** is the 20% darker color. If you saturate the color by 10%, you get **81, 33.549, 194.817**, and if you desaturate by 10%, it is **83, 22.409, 195.796**.

Distribution



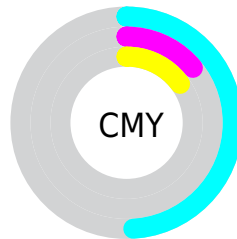
- Red (51%)
- Green (86%)
- Blue (85%)



- Red (51%)
- Yellow (69%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 28.383, 195.288 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 82, 28.383, 195.288 by changing the saturation by 10% instead.

 82, 28.383,
195.288

 82, 28.383,
195.288

 100, 28.383,
195.288

 72, 28.383,
195.288

 62, 28.383,
195.288

 52, 28.383,
195.288

 42, 28.383,
195.288

 32, 28.383,
195.288

 22, 28.383,
195.288

 12, 28.383,

195.288

■ 2, 28.383, 195.288

■ 0, 28.383, 195.288

■ 82, 28.383,
195.288

■ 82, 28.383,
195.288

■ 81, 33.549,
194.817

■ 83, 22.409,
195.796

■ 80, 37.808,
194.387

■ 84, 15.746,
196.348

■ 80, 41.098,
193.994

■ 86, 8.524, 196.953

■ 80, 43.411,
193.631

■ 87, 0.868, 198.163

■ 89, 7.107, 18.026

■ 79, 44.801,

193.288

90, 13.298, 18.287

79, 45.441,
192.992

90, 13.299, 17.208

90, 13.303, 16.129

90, 13.313, 15.052

Harmonies

Complementary

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



82, 28.383, 195.288



64, 37.578, 21.865

Rectangle

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



82, 28.383, 195.288



82, 28.383, 245.288



82, 28.383, 15.288



82, 28.383, 65.288

Sweetspot

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



82, 28.383, 195.286



98, 10.395, 196.889



80, 56.972, 140.562



52, 6.871, 196.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 28.383, 195.286



93, 36.734, 194.893



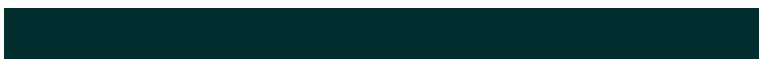
70, 26.704, 258.755



45, 4.380, 197.064



64, 38.172, 193.044



16, 15.284, 193.611

Inverse Universe

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



64, 37.578, 21.865



69, 51.913, 23.443



73, 30.830, 66.851



43, 4.638, 18.130



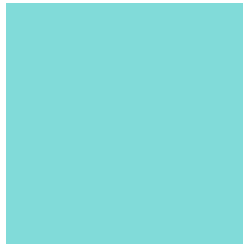
36, 77.276, 39.018



5, 23.805, 19.311

Previews

White Background



This preview shows how the CIELCh color 82, 28.383, 195.288 looks on a white background.

Color Contrast Check

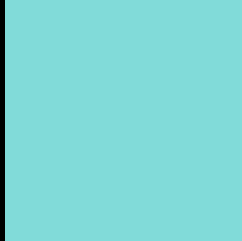
Large Text (above 18pt) WCAG AA × Fail

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 82, 28.383, 195.288 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

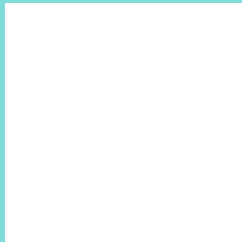
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 28.383, 195.288

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.383, 195.288.

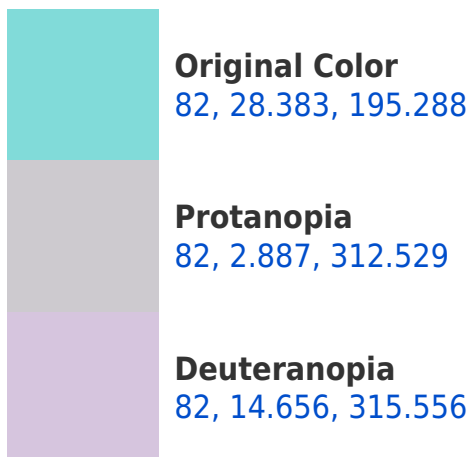


This preview shows how white text looks on a background with the CIELCh color 82, 28.383, 195.288.

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
82, 26.376, 219.234

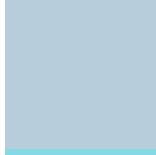
Trichromacy



Original Color
82, 28.383, 195.288



Protanomaly
81, 10.837, 207.172



Deuteranomaly
81, 10.821, 246.636

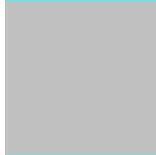


Tritanomaly
82, 26.611, 210.459

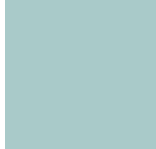
Monochromacy



Original Color
82, 28.383, 195.288



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 11.598, 195.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.383, 195.288 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(129, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(129, 219, 217)  
}
```

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(129, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 219, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.383, 195.288 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(129, 219, 217) }
```

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

```
.border{ border-color:rgb(129, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 219, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 219, 217); box-shadow:4px 4px 4px 4px rgb(129, 219, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.383, 195.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 219, 217) }
```

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

```
.background{ background-color: rgb(129,  
219, 217) }
```

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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