

Converting Colors

CIELCh(82, 44.936, 191.446)

Have a look what the booklet for
CIELCh(82, 44.936, 191.446)
contains.

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Color

CIELCh(82, 44.795, 191.605)

Conversions

Conversions Part 1

Format	Color
Hex	2EE2DB
RGB	46, 226, 219
RGB Percent	18%, 89%, 86%
CMY	0.8207, 0.1123, 0.1398
CMYK	0.80, 0.00, 0.03, 0.11
HSL	178°, 76%, 53%
HSV	178°, 80%, 89%
XYZ	41.2425, 60.2982, 76.7289
YIQ	171.3820, -105.0330, -40.3370

Conversions

Conversions Part 2

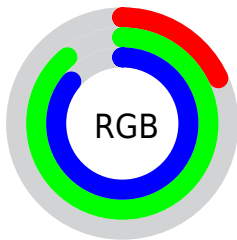
Format	Color
R _Y B	46, 138, 226
Decimal	3072731
CIE Lab	82.00, -43.88, -9.01
CIE LCh	82, 44.795, 191.605
Yxy	60.2982, 0.2313, 0.3382
Android (android.graphics.Color)	4281262811 (0xFF2EE2DB)
YUV	171.3820, 23.4757, -109.9600
Hunter-Lab	77.6519, -41.0859, -4.2289

Details

The CIELCh color **82, 44.795, 191.605** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **50, 79.003, 31.660**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 37.485, 197.121**, and **63, 38.035, 191.145** is the 20% darker color. If you saturate the color by 10%, you get **82, 46.415, 191.080**, and if you desaturate by 10%, it is **82, 42.212, 192.122**.

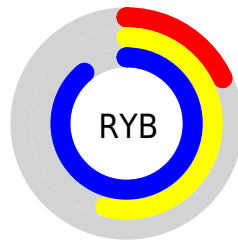
Distribution



Red (18%)

Green (89%)

Blue (86%)



Red (18%)

Yellow (54%)

Blue (89%)

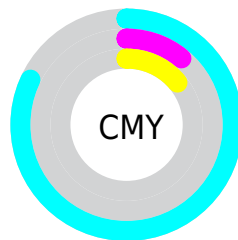


Cyan (80%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (82%)


Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 44.795, 191.605 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, 44.795, 191.605 by changing the saturation by 10% instead.


 82, 44.795,
191.605

 82, 44.795,
191.605


 100, 44.795,
191.605

 72, 44.795,
191.605

 62, 44.795,
191.605

 52, 44.795,
191.605

 42, 44.795,
191.605

 32, 44.795,
191.605

 22, 44.795,
191.605

 12, 44.795,

191.605

■ 2, 44.795, 191.605

■ 0, 44.795, 191.605

■ 82, 44.795,
191.605

■ 82, 44.795,
191.605

■ 82, 46.415,
191.080

■ 82, 42.212,
192.122

■ 82, 47.264,
190.543

■ 83, 38.623,
192.647

■ 82, 47.279,
190.532

■ 84, 34.047,
193.187

■ 85, 28.557,
193.749

■ 86, 22.260,

194.338

■ 87, 15.286,
194.956

■ 88, 7.767, 195.622

■ 90, 0.167, 12.587

■ 92, 8.398, 16.781

Harmonies

Complementary

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



82, 44.795, 191.605



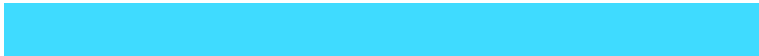
50, 79.003, 31.660

Rectangle

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



82, 44.795, 191.605



82, 44.795, 241.605



82, 44.795, 11.605



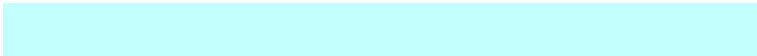
82, 44.795, 61.605

Sweetspot

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



82, 44.795, 191.604



96, 20.136, 194.683



79, 100.760, 136.580



51, 13.667, 194.462



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, 44.795, 191.604



91, 51.462, 190.713



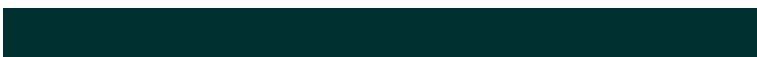
58, 49.161, 269.874



46, 4.474, 195.648



65, 39.141, 190.625



17, 15.989, 191.538

Inverse Universe

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



50, 79.003, 31.660



54, 100.959, 37.994



63, 66.402, 60.475



44, 4.729, 16.792



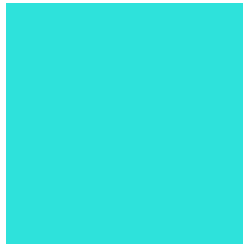
36, 77.440, 38.358



6, 25.451, 19.310

Previews

White Background



This preview shows how the CIE LCh color 82, 44.795, 191.605 looks on a white background.

Color Contrast Check

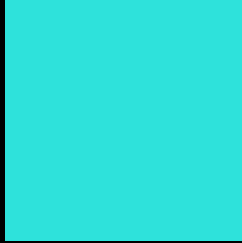
Large Text (above 18pt) WCAG AA × Fail

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, 44.795, 191.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

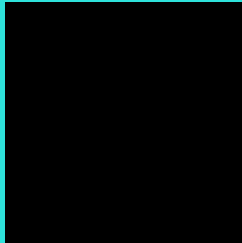
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

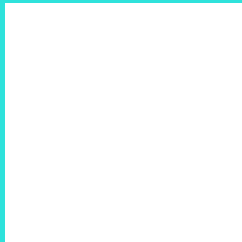
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 44.795, 191.605

Background



This preview shows how black text looks on a background with the CIELCh color 82, 44.795, 191.605.

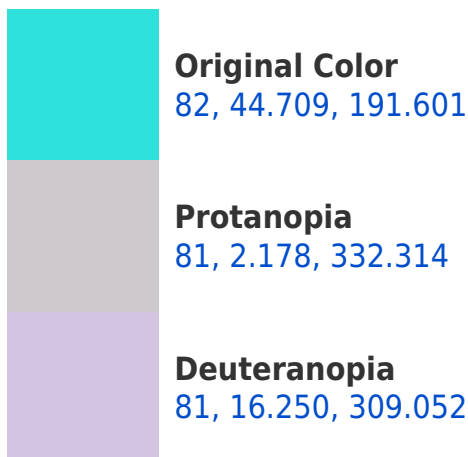


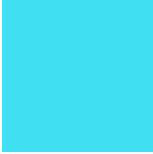
This preview shows how white text looks on a background with the CIELCh color 82, 44.795, 191.605.

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, 39.997, 210.887

Trichromacy



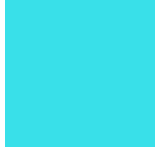
Original Color
82, 44.709, 191.601



Protanomaly
80, 20.880, 197.927



Deuteranomaly
80, 19.973, 223.675

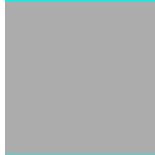


Tritanomaly
82, 41.286, 203.442

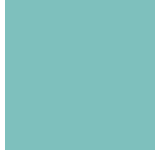
Monochromacy



Original Color
82, 44.709, 191.601



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 22.155, 193.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 44.795, 191.605 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(46, 226, 219)` looks like.

```
.text, #text, p{  
    color:rgb(46, 226, 219)  
}
```

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(46, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 226, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 44.795, 191.605 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(46, 226, 219) }
```

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

```
.border{ border-color:rgb(46, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(46, 226,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 44.795, 191.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 226, 219) }
```

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

```
.background{ background-color: rgb(46, 226,  
219) }
```

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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