

Converting Colors

CIELCh(82, 45.534, 195.148)

Have a look what the booklet for
CIELCh(82, 45.534, 195.148)
contains.

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Color

CIELCh(82, 45.606, 195.045)

Conversions

Conversions Part 1

Format	Color
Hex	14E3E1
RGB	20, 227, 225
RGB Percent	8%, 89%, 88%
CMY	0.9233, 0.1112, 0.1191
CMYK	0.91, 0.00, 0.01, 0.11
HSL	179°, 84%, 48%
HSV	179°, 91%, 89%
XYZ	41.1891, 60.2982, 80.4439
YIQ	164.8790, -122.7300, -44.5060

Conversions

Conversions Part 2

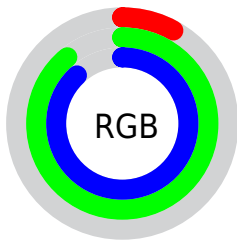
Format	Color
R _Y B	20, 124, 227
Decimal	1369057
CIE Lab	82.00, -44.04, -11.84
CIE LCh	82, 45.606, 195.045
Yxy	60.2982, 0.2264, 0.3314
Android (android.graphics.Color)	4279559137 (0xFF14E3E1)
YUV	164.8790, 29.6397, -127.0589
Hunter-Lab	77.6519, -41.2087, -7.0654

Details

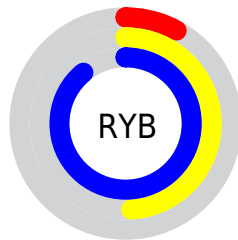
The CIELCh color **82, 45.606, 195.045** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **48, 90.421, 37.557**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.257, 197.016**, and **63, 37.303, 195.498** is the 20% darker color. If you saturate the color by 10%, you get **82, 46.170, 194.898**, and if you desaturate by 10%, it is **82, 44.275, 195.240**.

Distribution



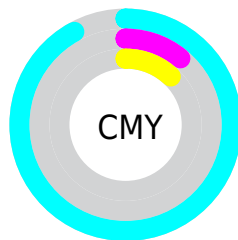
- Red (8%)
- Green (89%)
- Blue (88%)



- Red (8%)
- Yellow (49%)
- Blue (89%)



- Cyan (91%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)





- Cyan (92%)
- Magenta (11%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 45.606, 195.045 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, 45.606, 195.045 by changing the saturation by 10% instead.


 82, 45.606,
195.045


 82, 45.606,
195.045


 100, 45.606,
195.045


 72, 45.606,
195.045

 62, 45.606,
195.045

 52, 45.606,
195.045

 42, 45.606,
195.045

 32, 45.606,
195.045

 22, 45.606,
195.045

 12, 45.606,

195.045

■ 2, 45.606, 195.045

■ 0, 45.606, 195.045

■ 82, 45.606,
195.045

■ 82, 45.606,
195.045

■ 82, 46.170,
194.898

■ 82, 44.275,
195.240

■ 83, 42.002,
195.479

■ 83, 38.721,
195.767

■ 84, 34.439,
196.109

■ 85, 29.212,

196.505

■ 86, 23.140,
196.955

■ 87, 16.344,
197.458

■ 88, 8.956, 198.022

■ 90, 1.105, 199.069

Harmonies

Complementary

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



82, 45.606, 195.045



48, 90.421, 37.557

Rectangle

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



82, 45.606, 195.045



82, 45.606, 245.045



82, 45.606, 15.045



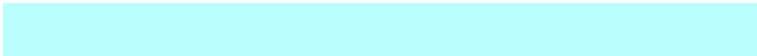
82, 45.606, 65.045

Sweetspot

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



82, 45.605, 195.044



96, 22.267, 197.160



79, 107.337, 136.228



51, 14.810, 196.992



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, 45.605, 195.044



91, 50.477, 194.889



53, 59.211, 279.053



46, 4.458, 198.142



65, 38.207, 194.923



17, 15.676, 195.159

Inverse Universe

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



48, 90.421, 37.557



53, 104.190, 39.733



61, 74.352, 61.019



44, 4.727, 19.153



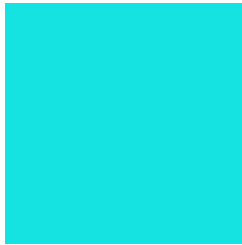
36, 78.688, 39.559



6, 25.517, 20.535

Previews

White Background



This preview shows how the CIE LCh color 82, 45.606, 195.045 looks on a white background.

Color Contrast Check

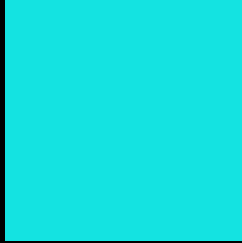
Large Text (above 18pt) WCAG AA × Fail

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, 45.606, 195.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

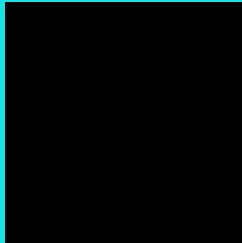
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

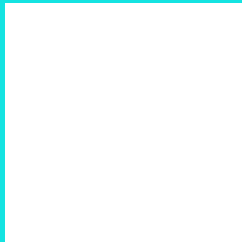
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 45.606, 195.045

Background



This preview shows how black text looks on a background with the CIELCh color 82, 45.606, 195.045.

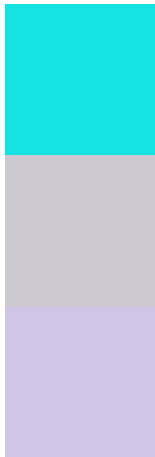


This preview shows how white text looks on a background with the CIELCh color 82, 45.606, 195.045.

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](#).

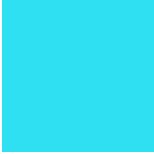
Dichromacy



Original Color
82, 45.645, 195.044

Protanopia
81, 4.404, 304.764

Deuteranopia
81, 18.544, 303.554

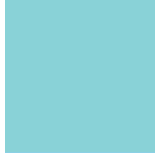


Tritanopia
82, 41.854, 210.143

Trichromacy



Original Color
82, 45.645, 195.044



Protanomaly
80, 23.492, 204.353



Deuteranomaly
80, 23.784, 226.393

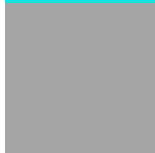


Tritanomaly
82, 43.038, 204.525

Monochromacy



Original Color
82, 45.645, 195.044



Achromatopsia
67, 0.008, 296.813



Achromatomaly
71, 24.714, 196.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 45.606, 195.045 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(20, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(20, 227, 225)  
}
```

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(20, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 227, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 45.606, 195.045 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(20, 227, 225) }
```

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

```
.border{ border-color:rgb(20, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(20, 227,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 45.606, 195.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 227, 225) }
```

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

```
.background{ background-color: rgb(20, 227,  
225) }
```

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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