

Converting Colors

CIELCh(82, 45.660, 194.383)

Have a look what the booklet for
CIELCh(82, 45.660, 194.383)
contains.

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Color

CIELCh(82, 45.721, 194.364)

Conversions

Conversions Part 1

Format	Color
Hex	15E3E0
RGB	21, 227, 224
RGB Percent	8%, 89%, 88%
CMY	0.9181, 0.1110, 0.1227
CMYK	0.91, 0.00, 0.01, 0.11
HSL	179°, 83%, 49%
HSV	179°, 91%, 89%
XYZ	41.1078, 60.2982, 79.7839
YIQ	165.0640, -121.8130, -44.6050

Conversions

Conversions Part 2

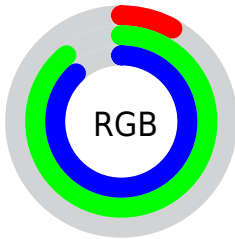
Format	Color
R_{YB}	21, 125, 227
Decimal	1434592
CIE _{Lab}	82.00, -44.29, -11.34
CIE _{LCh}	82, 45.721, 194.364
Yxy	60.2982, 0.2269, 0.3328
Android (android.graphics.Color)	4279624672 (0xFF15E3E0)
YUV	165.0640, 29.0554, -126.3441
Hunter-Lab	77.6519, -41.3955, -6.5615

Details

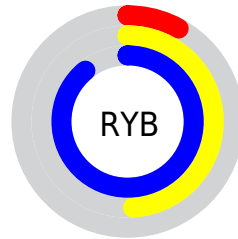
The CIELCh color **82, 45.721, 194.364** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **48, 89.792, 37.161**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.067, 197.028**, and **63, 37.466, 194.617** is the 20% darker color. If you saturate the color by 10%, you get **82, 46.359, 194.147**, and if you desaturate by 10%, it is **82, 44.316, 194.619**.

Distribution



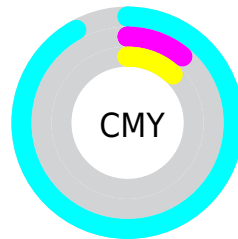
- Red (8%)
- Green (89%)
- Blue (88%)



- 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, 45.721, 194.364 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, 45.721, 194.364 by changing the saturation by 10% instead.


 82, 45.721,
194.364


 82, 45.721,
194.364


 100, 45.721,
194.364


 72, 45.721,
194.364

 62, 45.721,
194.364

 52, 45.721,
194.364

 42, 45.721,
194.364

 32, 45.721,
194.364

 22, 45.721,
194.364

 12, 45.721,

194.364

■ 2, 45.721, 194.364

■ 0, 45.721, 194.364

■ 82, 45.721,
194.364

■ 82, 45.721,
194.364

■ 82, 46.359,
194.147

■ 82, 44.316,
194.619

■ 83, 41.960,
194.909

■ 83, 38.596,
195.241

■ 84, 34.233,
195.620

■ 85, 28.933,

196.048

■ 86, 22.797,
196.524

■ 87, 15.948,
197.049

■ 88, 8.519, 197.633

■ 90, 0.639, 199.091

Harmonies

Complementary

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



82, 45.721, 194.364



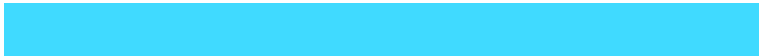
48, 89.792, 37.161

Rectangle

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



82, 45.721, 194.364



82, 45.721, 244.364



82, 45.721, 14.364



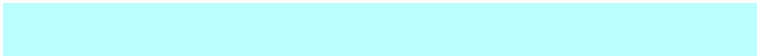
82, 45.721, 64.364

Sweetspot

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



82, 45.720, 194.363



96, 22.291, 196.708



79, 107.157, 136.252



51, 14.827, 196.533



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, 45.720, 194.363



91, 50.673, 194.133



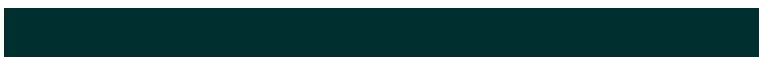
53, 58.862, 278.783



46, 4.460, 197.721



65, 38.351, 194.184



17, 15.725, 194.539

Inverse Universe

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



48, 89.792, 37.161



53, 103.997, 39.598



62, 74.023, 61.161



44, 4.727, 18.755



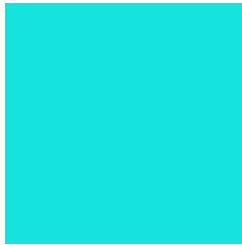
36, 78.473, 39.357



6, 25.505, 20.328

Previews

White Background



This preview shows how the CIE LCh color 82, 45.721, 194.364 looks on a white background.

Color Contrast Check

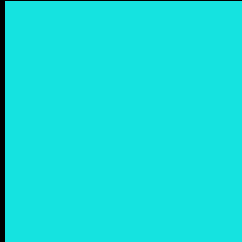
Large Text (above 18pt) WCAG AA × Fail

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, 45.721, 194.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

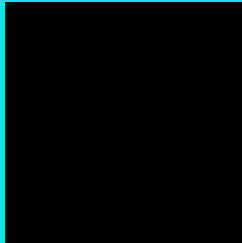
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

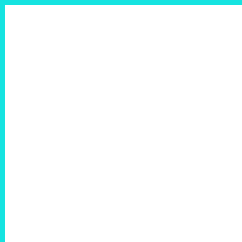
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 45.721, 194.364

Background



This preview shows how black text looks on a background with the CIELCh color 82, 45.721, 194.364.

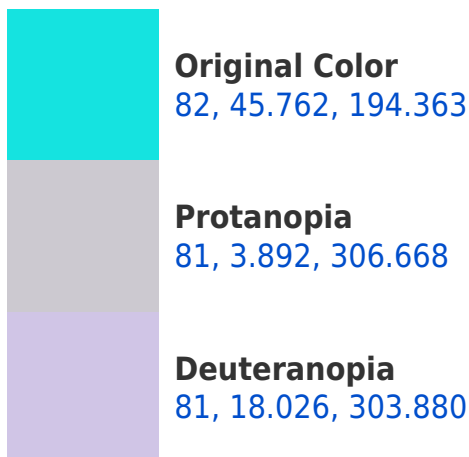


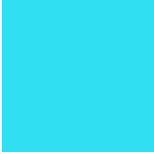
This preview shows how white text looks on a background with the CIELCh color 82, 45.721, 194.364.

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, 41.695, 210.204

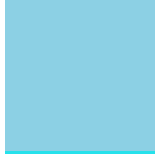
Trichromacy



Original Color
82, 45.762, 194.363



Protanomaly
80, 23.516, 203.018



Deuteranomaly
80, 23.374, 225.443

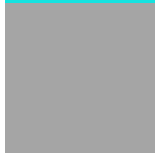


Tritanomaly
82, 42.982, 203.807

Monochromacy



Original Color
82, 45.762, 194.363



Achromatopsia
68, 0.008, 296.813



Achromatomaly
71, 24.183, 196.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 45.721, 194.364 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(21, 227, 224)` looks like.

```
.text, #text, p{  
    color:rgb(21, 227, 224)  
}
```

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(21, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 227, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 45.721, 194.364 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(21, 227, 224) }
```

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

```
.border{ border-color:rgb(21, 227, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(21, 227,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 45.721, 194.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 227, 224) }
```

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

```
.background{ background-color: rgb(21, 227,  
224) }
```

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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