

Converting Colors

CIELCh(82, 41.744, 196.869)

Have a look what the booklet for
CIELCh(82, 41.744, 196.869)
contains.

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Color

CIELCh(82, 41.841, 196.623)

Conversions

Conversions Part 1

Format	Color
Hex	3EE1E1
RGB	62, 225, 225
RGB Percent	24%, 88%, 88%
CMY	0.7569, 0.1177, 0.1177
CMYK	0.72, 0.00, 0.00, 0.12
HSL	180°, 73%, 56%
HSV	180°, 72%, 88%
XYZ	42.4927, 60.2982, 80.6192
YIQ	176.2630, -97.1480, -34.5560

Conversions

Conversions Part 2

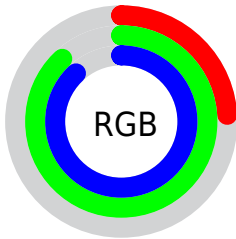
Format	Color
RYB	62, 144, 225
Decimal	4121057
CIELab	82.00, -40.09, -11.97
CIElCh	82, 41.841, 196.623
Yxy	60.2982, 0.2317, 0.3288
Android (android.graphics.Color)	4282311137 (0xFF3EE1E1)
YUV	176.2630, 24.0273, -100.2087
Hunter-Lab	77.6519, -38.2120, -7.1993

Details

The CIELCh color **82, 41.841, 196.623** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **52, 72.936, 31.385**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.582, 197.234**, and **63, 36.677, 197.292** is the 20% darker color. If you saturate the color by 10%, you get **82, 43.955, 196.488**, and if you desaturate by 10%, it is **82, 38.730, 196.820**.

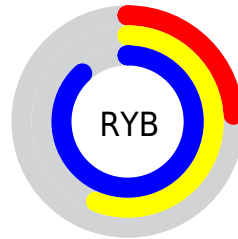
Distribution



Red (24%)

Green (88%)

Blue (88%)



Red (24%)

Yellow (56%)

Blue (88%)

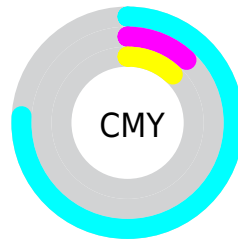


Cyan (72%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (76%)


Magenta (12%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 41.841, 196.623 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, 41.841, 196.623 by changing the saturation by 10% instead.


 82, 41.841,
196.623


 82, 41.841,
196.623


 100, 41.841,
196.623


 72, 41.841,
196.623

 62, 41.841,
196.623

 52, 41.841,
196.623

 42, 41.841,
196.623

 32, 41.841,
196.623

 22, 41.841,
196.623

 12, 41.841,

196.623

■ 2, 41.841, 196.623

■ 0, 41.841, 196.623

■ 82, 41.841,
196.623

■ 82, 41.841,
196.623

■ 82, 43.955,
196.488

■ 82, 38.730,
196.820

■ 82, 45.145,
196.413

■ 83, 34.619,
197.086

■ 81, 45.590,
196.385

■ 84, 29.558,
197.418

■ 85, 23.638,
197.814

■ 86, 16.979,

198.271

 88, 9.709, 198.793

 89, 1.957, 199.576

 91, 6.156, 19.740

 92, 10.976, 20.125

Harmonies

Complementary

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



82, 41.841, 196.623



52, 72.936, 31.385

Rectangle

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



82, 41.841, 196.623



82, 41.841, 246.623



82, 41.841, 16.623



82, 41.841, 66.623

Sweetspot

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



82, 41.841, 196.622



96, 18.436, 198.285



79, 95.015, 137.603



51, 12.271, 198.154



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, 41.841, 196.622



91, 49.112, 196.442



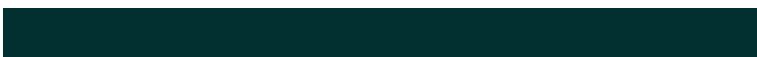
59, 47.309, 270.741



46, 4.454, 198.970



65, 37.940, 196.385



17, 15.585, 196.385

Inverse Universe

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



52, 72.936, 31.385



55, 96.203, 36.760



66, 59.427, 64.534



44, 4.728, 19.932



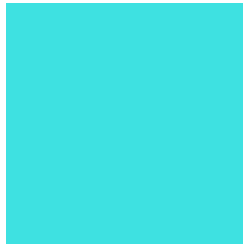
36, 79.113, 39.952



6, 25.541, 20.938

Previews

White Background



This preview shows how the CIELCh color 82, 41.841, 196.623 looks on a white background.

Color Contrast Check

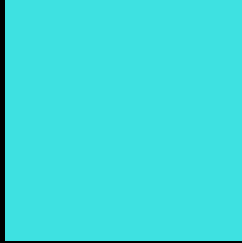
Large Text (above 18pt) WCAG AA × Fail

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, 41.841, 196.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

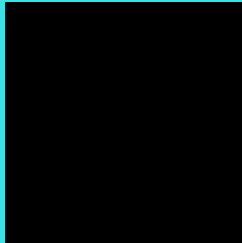
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 41.841, 196.623

Background



This preview shows how black text looks on a background with the CIELCh color 82, 41.841, 196.623.

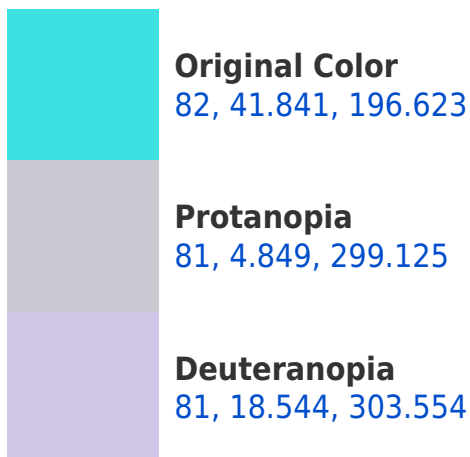


This preview shows how white text looks on a background with the CIELCh color 82, 41.841, 196.623.

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, 39.056, 211.285

Trichromacy



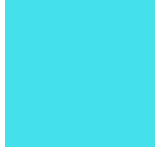
Original Color
82, 41.841, 196.623



Protanomaly
81, 19.265, 206.080



Deuteranomaly
80, 20.014, 234.506

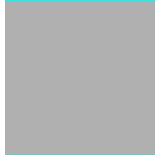


Tritanomaly
82, 39.920, 205.331

Monochromacy



Original Color
82, 41.841, 196.623



Achromatopsia
72, 0.009, 296.813



Achromatomaly
75, 19.826, 197.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 41.841, 196.623 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(62, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(62, 225, 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(62, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 225, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 41.841, 196.623 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(62, 225, 225) }
```

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

```
.border{ border-color:rgb(62, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(62, 225,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 41.841, 196.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 225, 225) }
```

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

```
.background{ background-color: rgb(62, 225,  
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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