

Converting Colors

CIELCh(82, 31.920, 194.910)

Have a look what the booklet for
CIELCh(82, 31.920, 194.910)
contains.

CIELCh(82, 32.109, 194.342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 32.109, 194.342)

Conversions

Conversions Part 1

Format	Color
Hex	74DDDA
RGB	116, 221, 218
RGB Percent	45%, 87%, 85%
CMY	0.5463, 0.1345, 0.1462
CMYK	0.48, 0.00, 0.01, 0.13
HSL	178°, 60%, 66%
HSV	178°, 48%, 87%
XYZ	45.5592, 60.2982, 75.3694
YIQ	189.2630, -61.6170, -23.1930

Conversions

Conversions Part 2

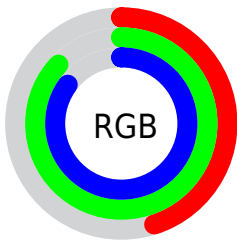
Format	Color
RYB	116, 169, 221
Decimal	7658970
CIELab	82.00, -31.11, -7.95
CIElCh	82, 32.109, 194.342
Yxy	60.2982, 0.2514, 0.3327
Android (android.graphics.Color)	4285849050 (0xFF74DDDA)
YUV	189.2630, 14.1673, -64.2517
Hunter-Lab	77.6519, -31.1630, -3.1909

Details

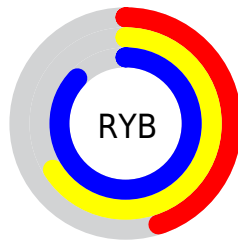
The CIELCh color **82, 32.109, 194.342** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 44.536, 22.609**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.662, 197.835**, and **62, 31.951, 194.673** is the 20% darker color. If you saturate the color by 10%, you get **81, 36.755, 193.858**, and if you desaturate by 10%, it is **83, 26.585, 194.856**.

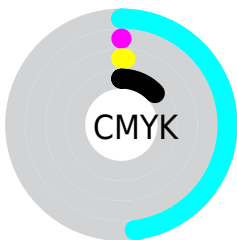
Distribution



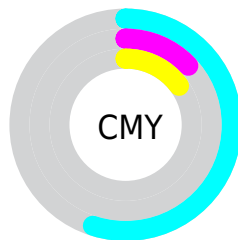
- Red (45%)
- Green (87%)
- Blue (85%)



- Red (45%)
- Yellow (66%)
- Blue (87%)



- Cyan (48%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (55%)
- Magenta (13%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 32.109, 194.342 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, 32.109, 194.342 by changing the saturation by 10% instead.


 82, 32.109,
194.342


 82, 32.109,
194.342


 100, 32.109,
194.342


 72, 32.109,
194.342

 62, 32.109,
194.342

 52, 32.109,
194.342

 42, 32.109,
194.342

 32, 32.109,
194.342

 22, 32.109,
194.342

 12, 32.109,

194.342

■ 2, 32.109, 194.342

■ 0, 32.109, 194.342

■ 82, 32.109,
194.342

■ 82, 32.109,
194.342

■ 81, 36.755,
193.858

■ 83, 26.585,
194.856

■ 81, 40.444,
193.405

■ 84, 20.291,
195.408

■ 80, 43.147,
192.976

■ 85, 13.355,
195.998

■ 80, 44.892,
192.560

■ 87, 5.907, 196.657

■ 80, 45.800,

■ 88, 1.930, 16.876

192.148

90, 10.045, 17.766

80, 45.963,
192.048

91, 12.613, 16.967

91, 12.623, 15.497

91, 12.641, 14.031

Harmonies

Complementary

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



82, 32.109, 194.342



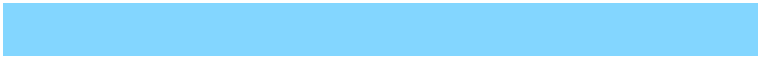
61, 44.536, 22.609

Rectangle

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



82, 32.109, 194.342



82, 32.109, 244.342



82, 32.109, 14.342



82, 32.109, 64.342

Sweetspot

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



82, 32.109, 194.340



98, 12.075, 196.215



80, 65.814, 139.926



52, 8.287, 196.078



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, 32.109, 194.340



92, 40.937, 193.863



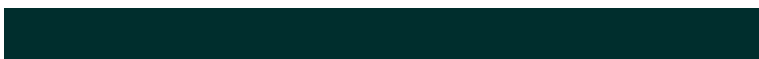
68, 30.847, 260.418



45, 4.384, 196.524



64, 38.374, 192.116



16, 15.349, 192.838

Inverse Universe

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



61, 44.536, 22.609



65, 61.380, 24.886



72, 36.532, 66.086



43, 4.638, 17.619



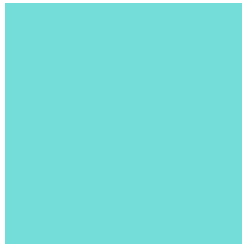
36, 77.007, 38.755



5, 23.796, 19.039

Previews

White Background



This preview shows how the CIE LCh color 82, 32.109, 194.342 looks on a white background.

Color Contrast Check

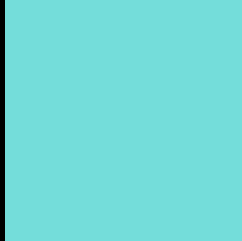
Large Text (above 18pt) WCAG AA × Fail

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, 32.109, 194.342 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

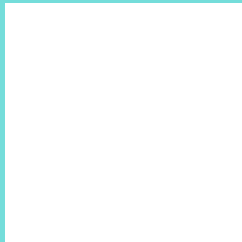
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 32.109, 194.342

Background



This preview shows how black text looks on a background with the CIELCh color 82, 32.109, 194.342.

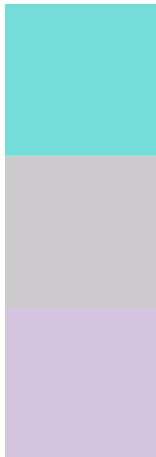


This preview shows how white text looks on a background with the CIELCh color 82, 32.109, 194.342.

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, 32.109, 194.342

Protanopia

82, 2.405, 317.294

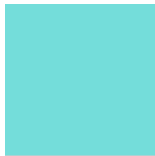
Deuteranopia

82, 15.000, 313.474



Tritanopia
82, 29.725, 216.503

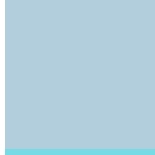
Trichromacy



Original Color
82, 32.109, 194.342



Protanomaly
81, 12.451, 201.003



Deuteranomaly
81, 12.228, 239.730

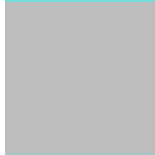


Tritanomaly
82, 30.111, 207.680

Monochromacy



Original Color
82, 32.109, 194.342



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 13.664, 193.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 32.109, 194.342 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(116, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(116, 221, 218)  
}
```

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(116, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 221, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 32.109, 194.342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

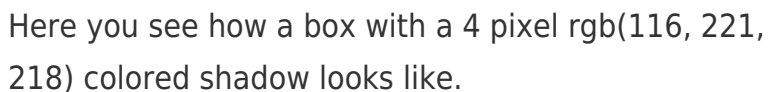
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 221, 218) }
```

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

```
.border{ border-color:rgb(116, 221, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 221, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 221, 218); box-shadow:4px 4px 4px 4px rgb(116, 221, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 32.109, 194.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 221, 218) }
```

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

```
.background{ background-color: rgb(116,  
221, 218) }
```

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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