

Converting Colors

CIELCh(82, 12.703, 184.603)

Have a look what the booklet for
CIELCh(82, 12.703, 184.603)
contains.

CIELCh(82, 12.768, 184.042)	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, 12.768, 184.042)

Conversions

Conversions Part 1

Format	Color
Hex	B0D3CD
RGB	176, 211, 205
RGB Percent	69%, 83%, 80%
CMY	0.3094, 0.1721, 0.1956
CMYK	0.17, 0.00, 0.03, 0.17
HSL	170°, 29%, 76%
HSV	170°, 17%, 83%
XYZ	52.2823, 60.2982, 66.7092
YIQ	199.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

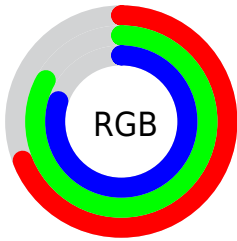
Format	Color
RYB	176, 195, 211
Decimal	11588557
CIELab	82.00, -12.74, -0.90
CIELCh	82, 12.768, 184.042
Yxy	60.2982, 0.2916, 0.3363
Android (android.graphics.Color)	4289778637 (0xFFB0D3CD)
YUV	199.8510, 2.5385, -20.9173
Hunter-Lab	77.6519, -15.7084, 3.4215

Details

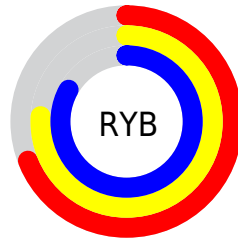
The CIELCh color **82, 12.768, 184.042** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 13.722, 7.025**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **62, 12.512, 185.274** is the 20% darker color. If you saturate the color by 10%, you get **81, 20.038, 183.094**, and if you desaturate by 10%, it is **84, 5.148, 184.985**.

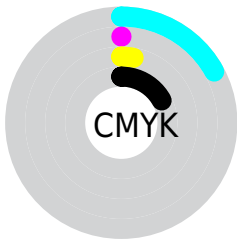
Distribution



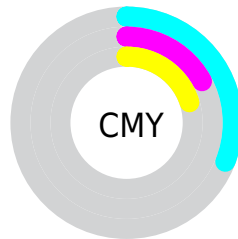
- Red (69%)
- Green (83%)
- Blue (80%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)





- Cyan (31%)
- Magenta (17%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 12.768, 184.042 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, 12.768, 184.042 by changing the saturation by 10% instead.


 82, 12.768,
184.042


 82, 12.768,
184.042


 100, 12.768,
184.042


 72, 12.768,
184.042


 62, 12.768,
184.042

 52, 12.768,
184.042

 42, 12.768,
184.042

 32, 12.768,
184.042

 22, 12.768,
184.042

 12, 12.768,

184.042

■ 2, 12.768, 184.042

■ 0, 12.768, 184.042

■ 82, 12.768,
184.042

■ 82, 12.768,
184.042

■ 81, 20.038,
183.094

■ 84, 5.148, 184.985

■ 79, 26.826,
182.110

■ 85, 2.710, 5.535

■ 87, 10.706, 6.509

■ 78, 33.002,
181.066

■ 88, 16.735, 5.465

■ 78, 38.439,
179.942

■ 89, 17.233,
359.389

■ 77, 43.037,

■ 89, 17.921,


178.719


353.729


 77, 46.735,
177.372

 89, 18.779,
348.549

 76, 49.535,
175.882

 89, 19.784,
343.873

 76, 51.519,
174.237

 89, 20.913,
339.693

 76, 52.107,
173.666

Harmonies

Complementary

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



82, 12.768, 184.042



75, 13.722, 7.025

Rectangle

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



82, 12.768, 184.042



82, 12.768, 234.042



82, 12.768, 4.042



82, 12.768, 54.042

Sweetspot

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



82, 12.769, 184.036



99, 4.567, 185.149



82, 21.409, 138.499



53, 3.113, 185.071



0, 0.000, 0.000



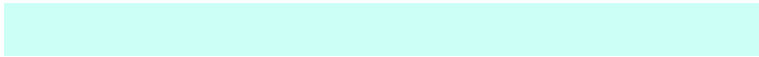
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 12.769, 184.036



96, 17.826, 183.697



79, 10.047, 235.162



43, 4.387, 184.708



62, 43.868, 173.959



14, 16.107, 177.693

Inverse Universe

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



75, 13.722, 7.025



87, 19.481, 7.452



78, 10.994, 52.413



41, 4.567, 6.240



35, 69.111, 31.114



4, 20.156, 11.511

Previews

White Background



This preview shows how the CIELCh color 82, 12.768, 184.042 looks on a white background.

Color Contrast Check

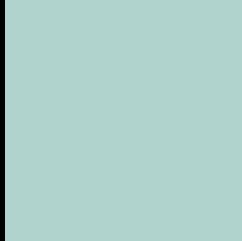
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 12.768, 184.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

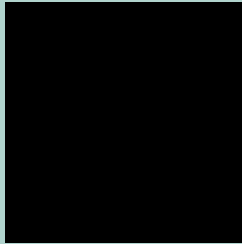
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

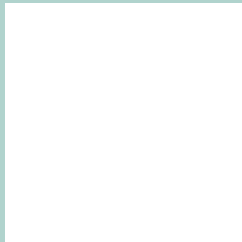
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 12.768, 184.042

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.768, 184.042.



This preview shows how white text looks on a background with the CIELCh color 82, 12.768, 184.042.

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](#).

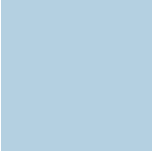
Dichromacy



Original Color
82, 12.768, 184.042

Protanopia
82, 2.413, 60.292

Deuteranopia
82, 10.580, 346.868



Tritanopia
82, 12.868, 243.576

Trichromacy



Original Color
82, 12.768, 184.042

Protanomaly
82, 4.219, 169.096

Deuteranomaly
82, 2.887, 312.529

Tritanomaly
82, 11.216, 224.054

Monochromacy



Original Color
82, 12.768, 184.042

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.817, 186.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.768, 184.042 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(176, 211, 205)` looks like.

```
.text, #text, p{  
    color:rgb(176, 211, 205)  
}
```

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(176, 211, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 211, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.768, 184.042 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(176, 211, 205) }
```

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

```
.border{ border-color:rgb(176, 211, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 211, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 211, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 211, 205);  
box-shadow:4px 4px 4px 4px rgb(176, 211,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.768, 184.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 211, 205) }
```

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

```
.background{ background-color: rgb(176,  
211, 205) }
```

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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