

Converting Colors

CIELCh(82, 24.885, 176.567)

Have a look what the booklet for
CIELCh(82, 24.885, 176.567)
contains.

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Color

CIELCh(82, 24.762, 176.237)

Conversions

Conversions Part 1

Format	Color
Hex	96D9C8
RGB	150, 217, 200
RGB Percent	59%, 85%, 78%
CMY	0.4116, 0.1489, 0.2156
CMYK	0.31, 0.00, 0.08, 0.15
HSL	165°, 47%, 72%
HSV	165°, 31%, 85%
XYZ	47.8313, 60.2982, 63.7782
YIQ	195.0290, -34.4750, -19.4910

Conversions

Conversions Part 2

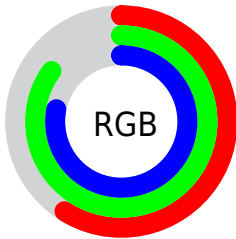
Format	Color
RYB	150, 188, 217
Decimal	9886152
CIELab	82.00, -24.71, 1.63
CIELCh	82, 24.762, 176.237
Yxy	60.2982, 0.2782, 0.3508
Android (android.graphics.Color)	4288076232 (0xFF96D9C8)
YUV	195.0290, 2.4507, -39.4904
Hunter-Lab	77.6519, -25.9401, 5.6594

Details

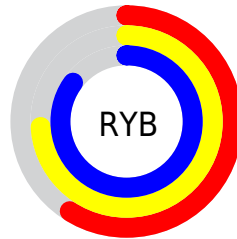
The CIELCh color **82, 24.762, 176.237** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 27.593, 2.735**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **62, 24.994, 176.068** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.993, 175.093**, and if you desaturate by 10%, it is **83, 17.052, 177.294**.

Distribution



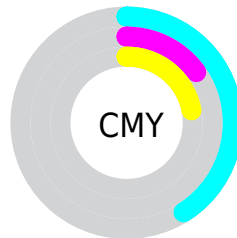
- Red (59%)
- Green (85%)
- Blue (78%)



- Red (59%)
- Yellow (74%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)





- Cyan (41%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 24.762, 176.237 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, 24.762, 176.237 by changing the saturation by 10% instead.


 82, 24.762,
176.237


 82, 24.762,
176.237


 100, 24.762,
176.237


 72, 24.762,
176.237

 62, 24.762,
176.237

 52, 24.762,
176.237

 42, 24.762,
176.237

 32, 24.762,
176.237

 22, 24.762,
176.237

 12, 24.762,

176.237

■ 2, 24.762, 176.237

■ 0, 24.762, 176.237

■ 82, 24.762,
176.237

■ 82, 24.762,
176.237

■ 81, 31.993,
175.093

■ 83, 17.052,
177.294

■ 80, 38.601,
173.848

■ 85, 8.997, 178.301

■ 87, 0.724, 179.888

■ 79, 44.459,
172.475

■ 88, 7.663, 359.968

■ 78, 49.467,
170.949

■ 90, 14.849,
358.996

■ 78, 53.578,

169.247

90, 16.022,
349.405

78, 56.813,
167.354

90, 17.595,
341.360

77, 59.175,
165.504

91, 19.469,
334.789

91, 21.565,
329.476

Harmonies

Complementary

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



82, 24.762, 176.237



69, 27.593, 2.735

Rectangle

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



82, 24.762, 176.237



82, 24.762, 226.237



82, 24.762, 356.237



82, 24.762, 46.237

Sweetspot

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



82, 24.763, 176.235



98, 8.503, 178.481



82, 39.755, 135.252



52, 5.901, 178.333



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, 24.763, 176.235



94, 33.319, 175.508



78, 18.486, 225.438



45, 4.744, 178.445



63, 49.806, 165.846



16, 18.919, 169.931

Inverse Universe

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



69, 27.593, 2.735



76, 38.045, 3.743



72, 22.764, 42.624



43, 4.897, 0.080



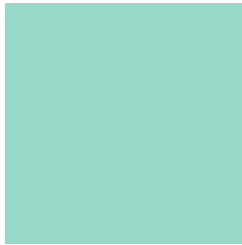
36, 67.173, 24.865



5, 23.804, 9.238

Previews

White Background



This preview shows how the CIELCh color 82, 24.762, 176.237 looks on a white background.

Color Contrast Check

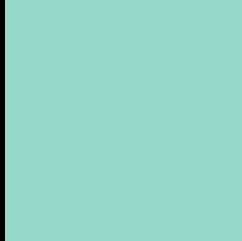
Large Text (above 18pt) WCAG AA × Fail

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, 24.762, 176.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

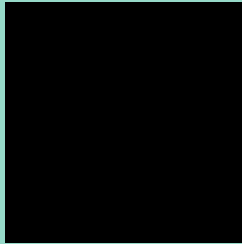
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

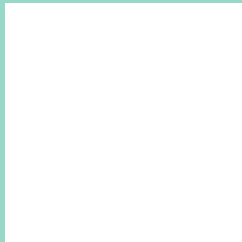
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 24.762, 176.237

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.762, 176.237.

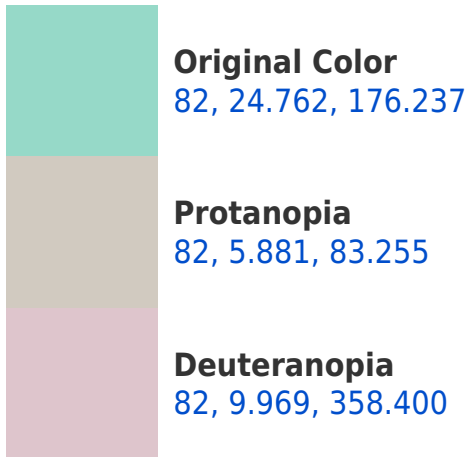


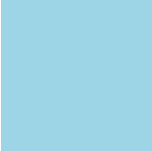
This preview shows how white text looks on a background with the CIELCh color 82, 24.762, 176.237.

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, 19.855, 225.473

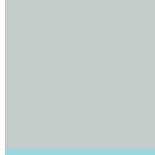
Trichromacy



Original Color
82, 24.762, 176.237



Protanomaly
81, 9.460, 156.547



Deuteranomaly
81, 2.946, 188.996

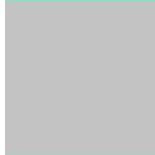


Tritanomaly
82, 19.820, 205.808

Monochromacy



Original Color
82, 24.762, 176.237



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 9.239, 178.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.762, 176.237 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(150, 217, 200)` looks like.

```
.text, #text, p{  
    color:rgb(150, 217, 200)  
}
```

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(150, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 217, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.762, 176.237 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(150, 217, 200) }
```

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

```
.border{ border-color:rgb(150, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(150, 217,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.762, 176.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 217, 200) }
```

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

```
.background{ background-color: rgb(150,  
217, 200) }
```

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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