

Converting Colors

CIELCh(82, 11.309, 198.717)

Have a look what the booklet for
CIELCh(82, 11.309, 198.717)
contains.

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Color

CIELCh(82, 11.150, 198.644)

Conversions

Conversions Part 1

Format	Color
Hex	B2D2D2
RGB	178, 210, 210
RGB Percent	70%, 82%, 82%
CMY	0.3014, 0.1759, 0.1759
CMYK	0.15, 0.00, 0.00, 0.18
HSL	180°, 26%, 76%
HSV	180°, 15%, 82%
XYZ	53.1181, 60.2982, 69.8979
YIQ	200.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

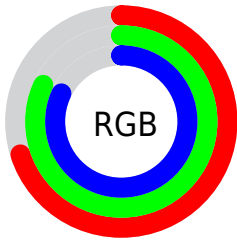
Format	Color
RYB	178, 194, 210
Decimal	11719378
CIELab	82.00, -10.56, -3.56
CIELCh	82, 11.150, 198.644
Yxy	60.2982, 0.2898, 0.3289
Android (android.graphics.Color)	4289909458 (0xFFB2D2D2)
YUV	200.4320, 4.7170, -19.6729
Hunter-Lab	77.6519, -13.7873, 0.9868

Details

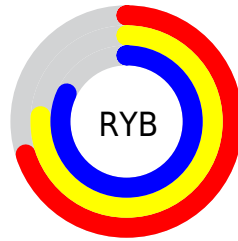
The CIELCh color **82, 11.150, 198.644** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 12.299, 20.394**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **62, 11.269, 198.425** is the 20% darker color. If you saturate the color by 10%, you get **81, 17.886, 198.135**, and if you desaturate by 10%, it is **83, 3.930, 199.255**.

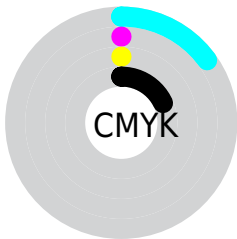
Distribution



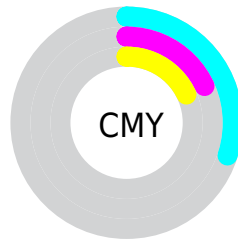
- Red (70%)
- Green (82%)
- Blue (82%)



- Red (70%)
- Yellow (76%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (30%)
- Magenta (18%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 11.150, 198.644 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, 11.150, 198.644 by changing the saturation by 10% instead.


 82, 11.150,
198.644


 82, 11.150,
198.644


 100, 11.150,
198.644


 72, 11.150,
198.644


 62, 11.150,
198.644

 52, 11.150,
198.644

 42, 11.150,
198.644

 32, 11.150,
198.644

 22, 11.150,
198.644

 12, 11.150,

198.644

■ 2, 11.150, 198.644

■ 0, 11.150, 198.644

■ 82, 11.150,
198.644

■ 82, 11.150,
198.644

■ 81, 17.886,
198.135

■ 83, 3.930, 199.255

■ 80, 24.012,
197.696

■ 85, 3.661, 19.512

■ 79, 29.410,
197.317

■ 87, 11.518, 20.206

■ 78, 33.974,
197.003

■ 88, 16.790, 20.617

■ 88, 16.790, 20.614

■ 77, 37.627,

■ 88, 16.790, 20.610

196.755

88, 16.790, 20.607

77, 40.333,
196.572

88, 16.790, 20.603

77, 42.110,
196.453

88, 16.790, 20.600

77, 43.045,
196.390

77, 43.312,
196.372

Harmonies

Complementary

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



82, 11.150, 198.644



75, 12.299, 20.394

Rectangle

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



82, 11.150, 198.644



82, 11.150, 248.644



82, 11.150, 18.644



82, 11.150, 68.644

Sweetspot

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



82, 11.151, 198.636



99, 4.397, 199.269



81, 20.657, 143.092



53, 2.995, 199.212



0, 0.000, 0.000



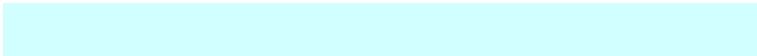
53, 0.007, 296.813

Same Dimension

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



82, 11.151, 198.636



97, 15.282, 198.480



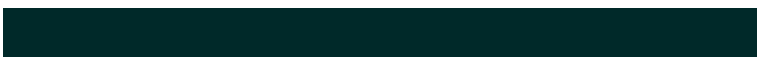
78, 9.963, 255.683



43, 4.203, 198.967



62, 36.715, 196.372



14, 14.039, 196.375

Inverse Universe

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



75, 12.299, 20.394



88, 17.206, 20.656



79, 10.399, 71.728



41, 4.460, 19.919



35, 76.451, 39.860



4, 20.018, 19.462

Previews

White Background



This preview shows how the CIELCh color 82, 11.150, 198.644 looks on a white background.

Color Contrast Check

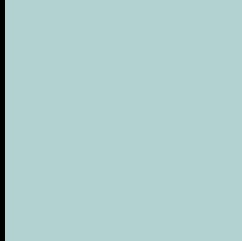
Large Text (above 18pt) WCAG AA × Fail

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, 11.150, 198.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

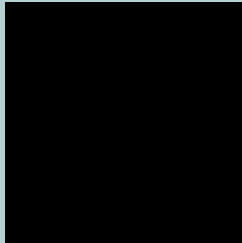
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

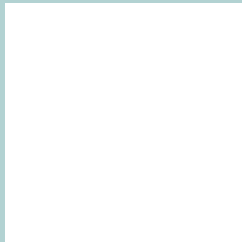
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 11.150, 198.644

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.150, 198.644.



This preview shows how white text looks on a background with the CIELCh color 82, 11.150, 198.644.

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, 12.297, 242.729

Trichromacy



Original Color
82, 11.150, 198.644

Protanomaly
82, 3.567, 225.852

Deuteranomaly
82, 5.370, 298.316

Tritanomaly
82, 11.128, 227.370

Monochromacy



Original Color
82, 11.150, 198.644

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.954, 199.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.150, 198.644 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(178, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 210)  
}
```

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(178, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.150, 198.644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

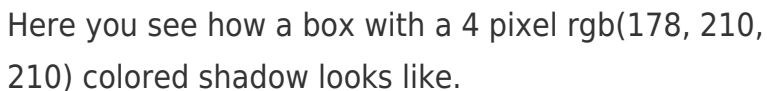
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 210, 210) }
```

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

```
.border{ border-color:rgb(178, 210, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 210, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 210, 210); box-shadow:4px 4px 4px 4px rgb(178, 210, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.150, 198.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 210) }
```

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

```
.background{ background-color: rgb(178,  
210, 210) }
```

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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