

Converting Colors

CIELCh(82, 8.320, 207.552)

Have a look what the booklet for
CIELCh(82, 8.320, 207.552) contains.

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Color

CIELCh(82, 8.190, 210.130)

Conversions

Conversions Part 1

Format	Color
Hex	B9D0D3
RGB	185, 208, 211
RGB Percent	73%, 82%, 83%
CMY	0.2735, 0.1833, 0.1715
CMYK	0.12, 0.01, 0.00, 0.17
HSL	187°, 23%, 78%
HSV	187°, 12%, 83%
XYZ	54.4765, 60.2982, 70.5643
YIQ	201.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

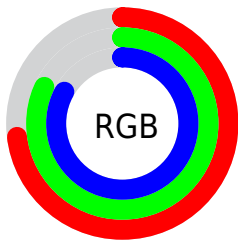
Format	Color
R _{YB}	185, 197, 211
Decimal	12177619
CIE Lab	82.00, -7.08, -4.11
CIE LCh	82, 8.190, 210.130
Yxy	60.2982, 0.2939, 0.3253
Android (android.graphics.Color)	4290367699 (0xFFB9D0D3)
YUV	201.4650, 4.7008, -14.4398
Hunter-Lab	77.6519, -10.6645, 0.4780

Details

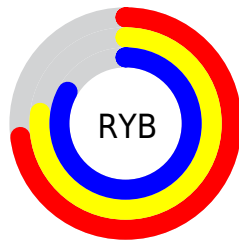
The CIELCh color `82, 8.190, 210.130` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 8.879, 30.364`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.823, 199.237`, and `62, 8.210, 210.621` is the 20% darker color. If you saturate the color by 10%, you get `80, 14.391, 210.106`, and if you desaturate by 10%, it is `84, 1.577, 210.496`.

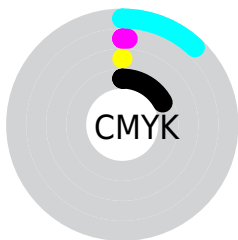
Distribution



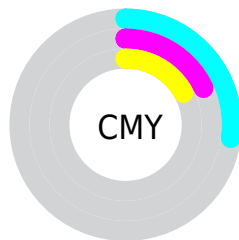
- Red (73%)
- Green (82%)
- Blue (83%)



- Red (73%)
- Yellow (77%)
- Blue (83%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.190, 210.130 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, 8.190, 210.130 by changing the saturation by 10% instead.

■ 82, 8.190, 210.130

■ 82, 8.190, 210.130

■ 100, 8.190,
210.130

■ 72, 8.190, 210.130

■ 62, 8.190, 210.130

■ 52, 8.190, 210.130

■ 42, 8.190, 210.130

■ 32, 8.190, 210.130

■ 22, 8.190, 210.130

■ 12, 8.190, 210.130

■ 2, 8.190, 210.130

■ 0, 8.190, 210.130

82, 8.190, 210.130

82, 8.190, 210.130

80, 14.391,
210.106

84, 1.577, 210.496

78, 20.071,
210.243

86, 5.355, 30.183

76, 25.120,
210.546

89, 12.522, 30.466

75, 29.430,
211.051

90, 14.289, 34.378

73, 32.910,
211.797

91, 13.795, 40.232

72, 35.502,
212.832

91, 13.457, 46.445

71, 37.198,
214.203

92, 13.288, 52.891

70, 38.055,
215.952

92, 13.292, 59.410

93, 13.469, 65.832

■ 70, 38.306,
217.520

Harmonies

Complementary

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



82, 8.190, 210.130



78, 8.879, 30.364

Rectangle

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



82, 8.190, 210.130



82, 8.190, 260.130



82, 8.190, 30.130



82, 8.190, 80.130

Sweetspot

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



82, 8.191, 210.117



99, 3.168, 210.319



82, 15.712, 146.520



53, 2.247, 210.278



0, 0.000, 0.000



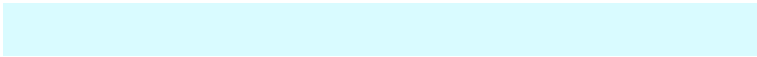
53, 0.007, 296.813

Same Dimension

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



82, 8.191, 210.117



96, 11.532, 210.099



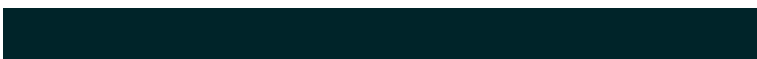
79, 9.027, 267.133



43, 3.774, 210.153



56, 32.376, 217.143



12, 12.580, 212.655

Inverse Universe

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



78, 15.575, 328.439



91, 22.139, 328.612



81, 9.134, 83.824



41, 7.108, 328.262



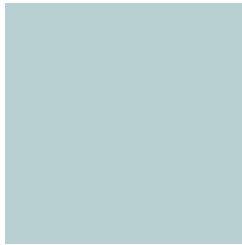
39, 77.393, 333.386



5, 28.478, 331.943

Previews

White Background



This preview shows how the CIELCh color 82, 8.190, 210.130 looks on a white background.

Color Contrast Check

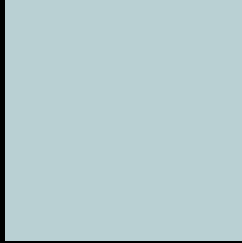
Large Text (above 18pt) WCAG AA × Fail

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, 8.190, 210.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

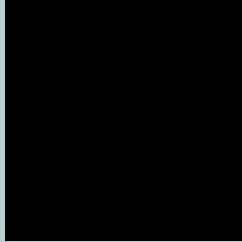
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

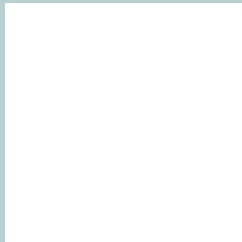
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.190, 210.130

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.190, 210.130.

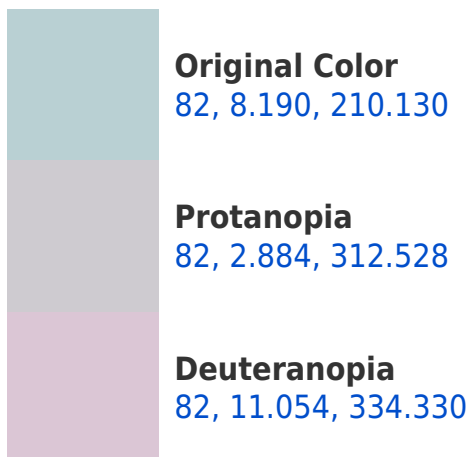


This preview shows how white text looks on a background with the CIELCh color 82, 8.190, 210.130.

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](#).

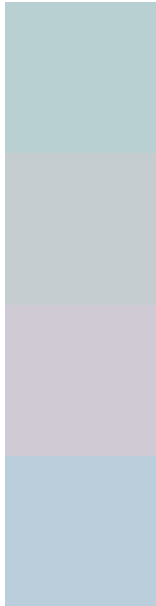
Dichromacy





Tritanopia
82, 10.977, 254.566

Trichromacy



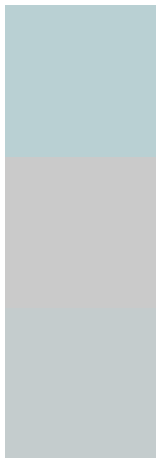
Original Color
82, 8.190, 210.130

Protanomaly
82, 3.256, 240.100

Deuteranomaly
82, 5.628, 309.253

Tritanomaly
82, 9.521, 241.105

Monochromacy



Original Color
82, 8.190, 210.130

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.920, 209.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.190, 210.130 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(185, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(185, 208, 211)  
}
```

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(185, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 208, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.190, 210.130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

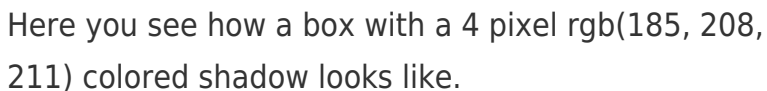
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 208, 211) }
```

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

```
.border{ border-color:rgb(185, 208, 211) }
```

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



Here you see how a box with a 4 pixel rgb(185, 208, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(185, 208,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.190, 210.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 208, 211) }
```

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

```
.background{ background-color: rgb(185,  
208, 211) }
```

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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