

Converting Colors

CIELCh(82, 10.579, 219.409)

Have a look what the booklet for
CIELCh(82, 10.579, 219.409)
contains.

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Color

CIELCh(82, 10.572, 219.406)

Conversions

Conversions Part 1

Format	Color
Hex	B4D1D8
RGB	180, 209, 216
RGB Percent	71%, 82%, 85%
CMY	0.2939, 0.1802, 0.1527
CMYK	0.17, 0.03, 0.00, 0.15
HSL	192°, 32%, 78%
HSV	192°, 17%, 85%
XYZ	54.0506, 60.2982, 73.7926
YIQ	201.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

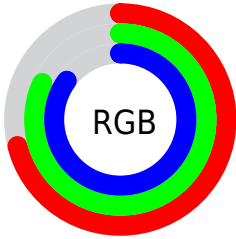
Format	Color
RYB	180, 196, 216
Decimal	11850200
CIELab	82.00, -8.17, -6.71
CIELCh	82, 10.572, 219.406
Yxy	60.2982, 0.2873, 0.3205
Android (android.graphics.Color)	4290040280 (0xFFB4D1D8)
YUV	201.1270, 7.3324, -18.5284
Hunter-Lab	77.6519, -11.6436, -1.9870

Details

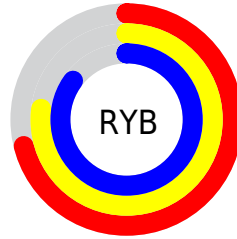
The CIELCh color **82, 10.572, 219.406** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 11.785, 38.566**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **62, 10.520, 217.345** is the 20% darker color. If you saturate the color by 10%, you get **80, 16.383, 219.907**, and if you desaturate by 10%, it is **85, 4.341, 219.117**.

Distribution



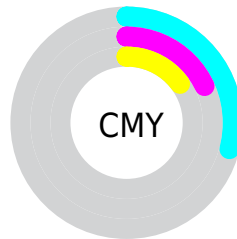
- Red (71%)
- Green (82%)
- Blue (85%)



- Red (71%)
- Yellow (77%)
- Blue (85%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (18%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 10.572, 219.406 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, 10.572, 219.406 by changing the saturation by 10% instead.


 82, 10.572,
219.406


 82, 10.572,
219.406


 100, 10.572,
219.406


 72, 10.572,
219.406


 62, 10.572,
219.406

 52, 10.572,
219.406

 42, 10.572,
219.406

 32, 10.572,
219.406

 22, 10.572,
219.406

 12, 10.572,

219.406

■ 2, 10.572, 219.406

■ 0, 10.572, 219.406

■ 82, 10.572,
219.406

■ 82, 10.572,
219.406

■ 80, 16.383,
219.907

■ 85, 4.341, 219.117

■ 77, 21.675,
220.648

■ 87, 2.220, 38.501

■ 75, 26.347,
221.670

■ 90, 9.032, 38.578

■ 73, 30.308,
223.039

■ 92, 11.950, 44.932

■ 71, 33.488,

■ 93, 11.738, 57.538

■ 94, 12.105, 69.948

224.834

95, 12.998, 81.100

69, 35.863,
227.136

96, 14.313, 90.471

68, 37.469,
230.024

97, 15.944, 98.058

66, 38.434,
233.535

66, 38.704,
234.775

Harmonies

Complementary

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



82, 10.572, 219.406



78, 11.785, 38.566

Rectangle

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



82, 10.572, 219.406



82, 10.572, 269.406



82, 10.572, 39.406



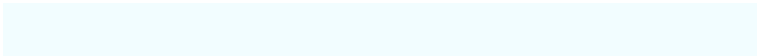
82, 10.572, 89.406

Sweetspot

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



82, 10.572, 219.396



98, 3.742, 219.115



83, 20.446, 148.835



52, 2.549, 219.112



0, 0.000, 0.000



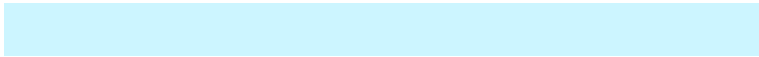
53, 0.007, 296.813

Same Dimension

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



82, 10.572, 219.396



94, 14.363, 219.552



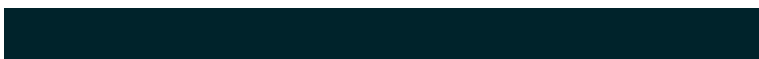
77, 13.673, 274.737



44, 3.647, 219.162



53, 32.447, 234.094



12, 12.650, 226.393

Inverse Universe

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



77, 20.354, 331.361



88, 27.981, 331.592



83, 13.673, 90.341



42, 6.857, 330.886



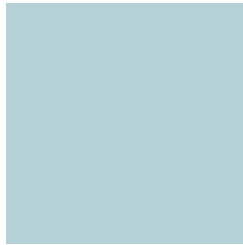
39, 73.674, 337.748



6, 28.563, 335.609

Previews

White Background



This preview shows how the CIELCh color 82, 10.572, 219.406 looks on a white background.

Color Contrast Check

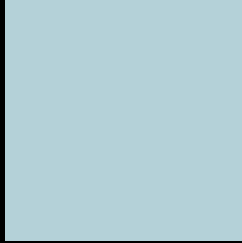
Large Text (above 18pt) WCAG AA × Fail

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, 10.572, 219.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

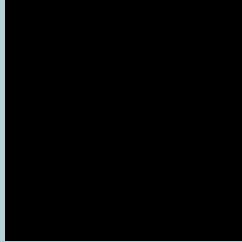
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

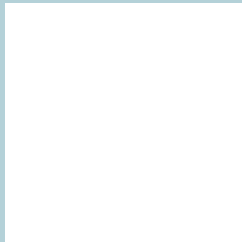
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 10.572, 219.406

Background



This preview shows how black text looks on a background with the CIELCh color 82, 10.572, 219.406.

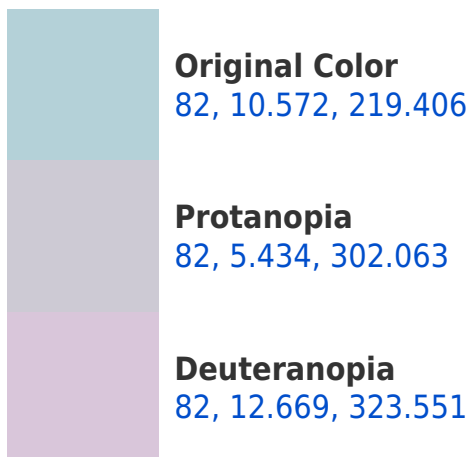


This preview shows how white text looks on a background with the CIELCh color 82, 10.572, 219.406.

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, 12.064, 243.810

Trichromacy



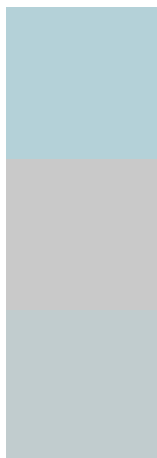
Original Color
82, 10.572, 219.406

Protanomaly
82, 5.256, 253.238

Deuteranomaly
82, 8.005, 295.959

Tritanomaly
82, 11.352, 236.429

Monochromacy



Original Color
82, 10.572, 219.406

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.060, 214.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 10.572, 219.406 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(180, 209, 216)` looks like.

```
.text, #text, p{  
    color:rgb(180, 209, 216)  
}
```

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(180, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 209, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 10.572, 219.406 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(180, 209, 216) }
```

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

```
.border{ border-color:rgb(180, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(180, 209,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 10.572, 219.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 209, 216) }
```

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

```
.background{ background-color: rgb(180,  
209, 216) }
```

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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