

Converting Colors

CIELCh(82, 10.265, 207.459)

Have a look what the booklet for
CIELCh(82, 10.265, 207.459)
contains.

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Color

CIELCh(82, 10.173, 207.772)

Conversions

Conversions Part 1

Format	Color
Hex	B4D1D4
RGB	180, 209, 212
RGB Percent	71%, 82%, 83%
CMY	0.2927, 0.1789, 0.1672
CMYK	0.15, 0.01, 0.00, 0.17
HSL	186°, 27%, 77%
HSV	186°, 15%, 83%
XYZ	53.7254, 60.2982, 71.3365
YIQ	200.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

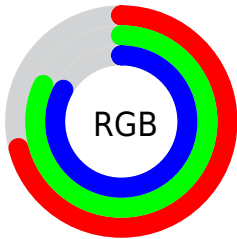
Format	Color
RYB	180, 195, 212
Decimal	11850196
CIELab	82.00, -9.00, -4.74
CIELCh	82, 10.173, 207.772
Yxy	60.2982, 0.2898, 0.3253
Android (android.graphics.Color)	4290040276 (0xFFB4D1D4)
YUV	200.6710, 5.5852, -18.1285
Hunter-Lab	77.6519, -12.3912, -0.1117

Details

The CIELCh color **82, 10.173, 207.772** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 11.245, 28.413**, 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, 10.218, 204.875** is the 20% darker color. If you saturate the color by 10%, you get **80, 16.376, 207.680**, and if you desaturate by 10%, it is **84, 3.517, 208.026**.

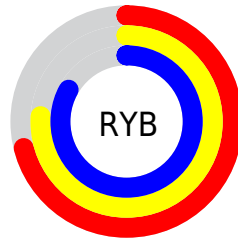
Distribution



Red (71%)

Green (82%)

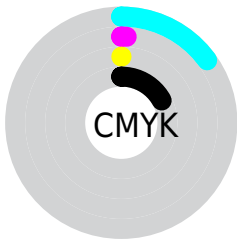
Blue (83%)



Red (71%)

Yellow (76%)

Blue (83%)

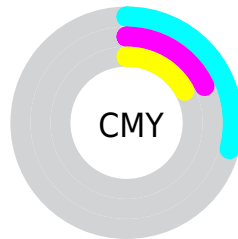


Cyan (15%)

Magenta (1%)

Yellow (0%)

Black (17%)



Cyan (29%)


Magenta (18%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 10.173, 207.772 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, 10.173, 207.772 by changing the saturation by 10% instead.


 82, 10.173,
207.772


 82, 10.173,
207.772


 100, 10.173,
207.772


 72, 10.173,
207.772

 62, 10.173,
207.772

 52, 10.173,
207.772

 42, 10.173,
207.772

 32, 10.173,
207.772

 22, 10.173,
207.772

 12, 10.173,

207.772

■ 2, 10.173, 207.772

■ 0, 10.173, 207.772

■ 82, 10.173,
207.772

■ 82, 10.173,
207.772

■ 80, 16.376,
207.680

■ 84, 3.517, 208.026

■ 78, 22.012,
207.729

■ 86, 3.491, 27.923

■ 77, 26.968,
207.928

■ 88, 10.760, 28.322

■ 76, 31.137,
208.307

■ 90, 14.307, 30.631

■ 74, 34.435,

■ 90, 13.815, 35.269

■ 91, 13.422, 40.212

208.900

91, 13.136, 45.410

73, 36.814,
209.742

92, 12.965, 50.787

72, 38.282,
210.869

92, 12.911, 56.254

72, 38.917,
212.309

71, 39.046,
213.098

Harmonies

Complementary

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



82, 10.173, 207.772



77, 11.245, 28.413

Rectangle

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



82, 10.173, 207.772



82, 10.173, 257.772



82, 10.173, 27.772



82, 10.173, 77.772

Sweetspot

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



82, 10.174, 207.762



99, 4.022, 208.027



82, 19.574, 145.829



53, 2.739, 207.993



0, 0.000, 0.000



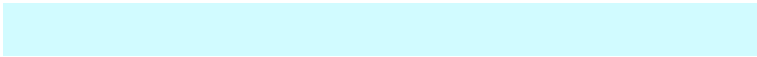
53, 0.007, 296.813

Same Dimension

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



82, 10.174, 207.762



96, 13.960, 207.723



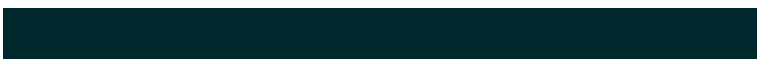
78, 10.916, 266.010



44, 3.919, 207.873



58, 33.243, 212.820



14, 13.239, 209.513

Inverse Universe

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



77, 19.466, 327.935



89, 26.996, 328.119



81, 11.125, 81.922



42, 7.360, 327.598



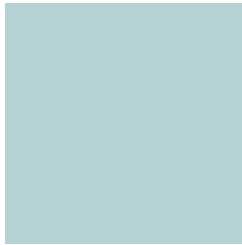
40, 79.575, 332.325



6, 30.775, 331.329

Previews

White Background



This preview shows how the CIELCh color 82, 10.173, 207.772 looks on a white background.

Color Contrast Check

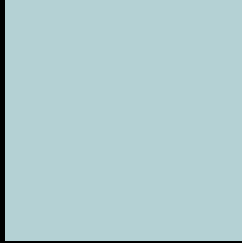
Large Text (above 18pt) WCAG AA × Fail

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, 10.173, 207.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

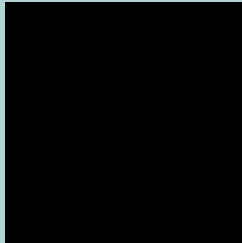
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

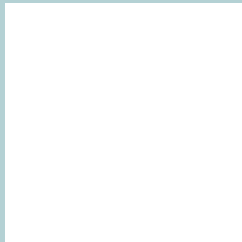
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 10.173, 207.772

Background



This preview shows how black text looks on a background with the CIELCh color 82, 10.173, 207.772.



This preview shows how white text looks on a background with the CIELCh color 82, 10.173, 207.772.

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, 11.834, 244.935

Trichromacy



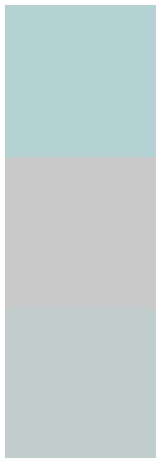
Original Color
82, 10.173, 207.772

Protanomaly
82, 3.862, 242.785

Deuteranomaly
82, 6.422, 297.119

Tritanomaly
82, 10.803, 235.124

Monochromacy



Original Color
82, 10.173, 207.772

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.972, 206.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 10.173, 207.772 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(180, 209, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 209, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 10.173, 207.772 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, 212) }
```

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

```
.border{ border-color:rgb(180, 209, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(180, 209,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 10.173, 207.772 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, 212) }
```

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

```
.background{ background-color: rgb(180,  
209, 212) }
```

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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