

Converting Colors

CIELCh(82, 1.680, 228.660)

Have a look what the booklet for
CIELCh(82, 1.680, 228.660) contains.

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Color

CIELCh(82, 1.533, 219.895)

Conversions

Conversions Part 1

Format	Color
Hex	C9CDCE
RGB	201, 205, 206
RGB Percent	79%, 80%, 81%
CMY	0.2132, 0.1975, 0.1936
CMYK	0.02, 0.00, 0.00, 0.19
HSL	192°, 5%, 80%
HSV	192°, 2%, 81%
XYZ	56.8342, 60.2982, 66.8073
YIQ	203.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

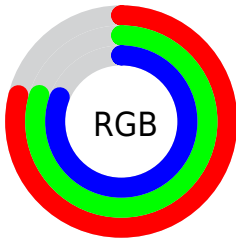
Format	Color
R_{YB}	201, 203, 206
Decimal	13225422
CIE Lab	82.00, -1.18, -0.98
CIE LCh	82, 1.533, 219.895
Yxy	60.2982, 0.3090, 0.3278
Android (android.graphics.Color)	4291415502 (0xFFC9CDCE)
YUV	203.9180, 1.0264, -2.5591
Hunter-Lab	77.6519, -5.2449, 3.3466

Details

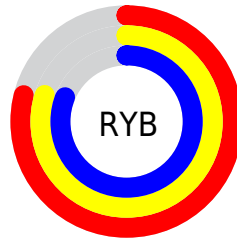
The CIELCh color **82, 1.533, 219.895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 1.552, 38.993**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 1.619, 219.827** is the 20% darker color. If you saturate the color by 10%, you get **79, 7.648, 219.846**, and if you desaturate by 10%, it is **85, 4.862, 39.143**.

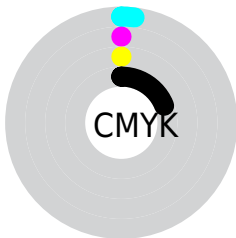
Distribution



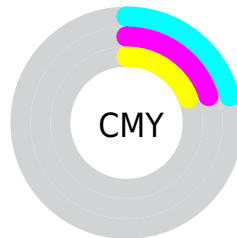
- Red (79%)
- Green (80%)
- Blue (81%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 1.533, 219.895 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, 1.533, 219.895 by changing the saturation by 10% instead.

■ 82, 1.533, 219.895

■ 82, 1.533, 219.895

■ 100, 1.533,
219.895

■ 72, 1.533, 219.895

■ 62, 1.533, 219.895

■ 52, 1.533, 219.895

■ 42, 1.533, 219.895

■ 32, 1.533, 219.895

■ 22, 1.533, 219.895

■ 12, 1.533, 219.895

■ 2, 1.533, 219.895

■ 0, 1.533, 219.895

82, 1.533, 219.895

82, 1.533, 219.895

79, 7.648, 219.846

85, 4.862, 39.143

77, 13.402,
220.292

87, 11.469, 39.106

90, 15.555, 42.292

75, 18.704,
220.959

91, 15.138, 51.686

72, 23.459,
221.886

92, 15.151, 61.317

70, 27.576,
223.136

93, 15.590, 70.643

94, 16.418, 79.214

69, 30.977,
224.781

95, 17.578, 86.778

67, 33.618,
226.904

96, 19.004, 93.277

65, 35.509,
229.589

■ 64, 36.729,
232.897

Harmonies

Complementary

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



82, 1.533, 219.895



81, 1.552, 38.993

Rectangle

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



82, 1.533, 219.895



82, 1.533, 269.895



82, 1.533, 39.895



82, 1.533, 89.895

Sweetspot

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



82, 1.534, 219.816



100, 0.755, 220.283



82, 2.835, 149.914



53, 0.429, 220.326



0, 0.000, 0.000



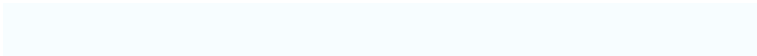
53, 0.007, 296.813

Same Dimension

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



82, 1.534, 219.816



99, 2.250, 219.759



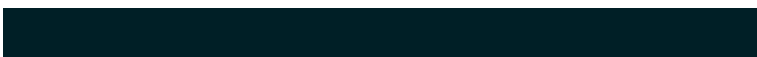
81, 1.899, 272.854



43, 1.418, 219.723



51, 31.791, 235.070



10, 11.743, 226.161

Inverse Universe

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



81, 2.820, 330.543



98, 4.145, 330.602



82, 1.882, 92.016



42, 2.616, 330.663



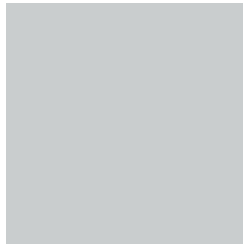
37, 71.804, 338.018



5, 24.671, 335.346

Previews

White Background



This preview shows how the CIELCh color 82, 1.533, 219.895 looks on a white background.

Color Contrast Check

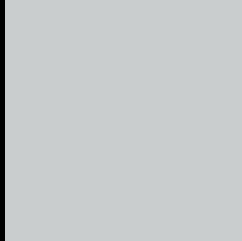
Large Text (above 18pt) WCAG AA × Fail

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, 1.533, 219.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

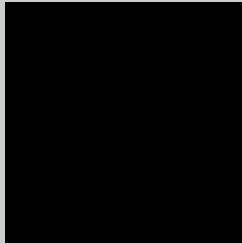
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

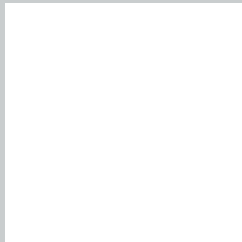
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 1.533, 219.895

Background



This preview shows how black text looks on a background with the CIELCh color 82, 1.533, 219.895.

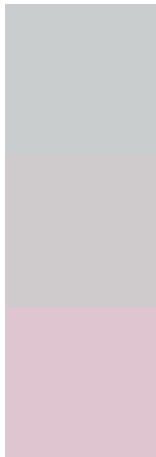


This preview shows how white text looks on a background with the CIELCh color 82, 1.533, 219.895.

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



Original Color

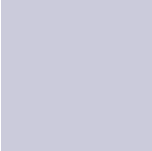
82, 1.533, 219.895

Protanopia

82, 1.818, 343.579

Deuteranopia

82, 10.627, 350.407



Tritanopia
82, 8.486, 290.926

Trichromacy



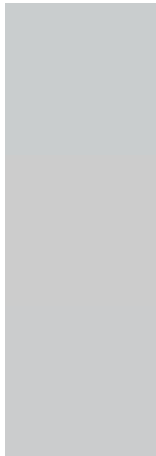
Original Color
82, 1.533, 219.895

Protanomaly
82, 0.655, 324.068

Deuteranomaly
82, 6.347, 344.123

Tritanomaly
82, 5.339, 282.995

Monochromacy



Original Color
82, 1.533, 219.895

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 0.645, 256.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 1.533, 219.895 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(201, 205, 206)` looks like.

```
.text, #text, p{  
    color:rgb(201, 205, 206)  
}
```

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(201, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 205, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 1.533, 219.895 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(201, 205, 206) }
```

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

```
.border{ border-color:rgb(201, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 205,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 1.533, 219.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 205, 206) }
```

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

```
.background{ background-color: rgb(201,  
205, 206) }
```

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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