

Converting Colors

CIELCh(82, 2.034, 219.388)

Have a look what the booklet for
CIELCh(82, 2.034, 219.388) contains.

CIELCh(82, 1.874, 216.009)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 1.874, 216.009)

Conversions

Conversions Part 1

Format	Color
Hex	C8CDCE
RGB	200, 205, 206
RGB Percent	78%, 80%, 81%
CMY	0.2163, 0.1966, 0.1927
CMYK	0.03, 0.00, 0.00, 0.19
HSL	190°, 6%, 80%
HSV	190°, 3%, 81%
XYZ	56.6968, 60.2982, 66.9472
YIQ	203.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

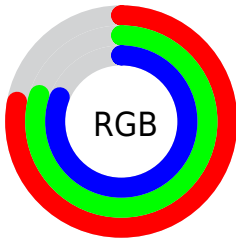
Format	Color
RYP	200, 203, 206
Decimal	13159886
CIELab	82.00, -1.52, -1.10
CIElCh	82, 1.874, 216.009
Yxy	60.2982, 0.3082, 0.3278
Android (android.graphics.Color)	4291349966 (0xFFC8CDCE)
YUV	203.6190, 1.1738, -3.1739
Hunter-Lab	77.6519, -5.5608, 3.2398

Details

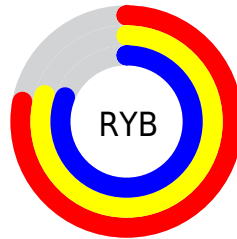
The CIELCh color `82, 1.874, 216.009` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 1.906, 35.313`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 1.978, 215.947` is the 20% darker color. If you saturate the color by 10%, you get `80, 8.096, 215.878`, and if you desaturate by 10%, it is `84, 4.645, 35.469`.

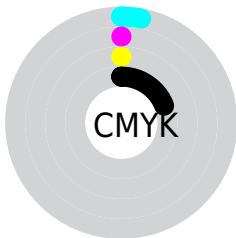
Distribution



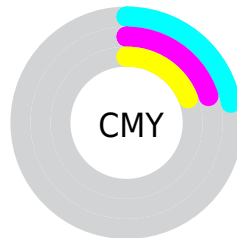
- Red (78%)
- Green (80%)
- Blue (81%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 1.874, 216.009 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, 1.874, 216.009 by changing the saturation by 10% instead.

■ 82, 1.874, 216.009

■ 82, 1.874, 216.009

■ 100, 1.874,
216.009

■ 72, 1.874, 216.009

■ 62, 1.874, 216.009

■ 52, 1.874, 216.009

■ 42, 1.874, 216.009

■ 32, 1.874, 216.009

■ 22, 1.874, 216.009

■ 12, 1.874, 216.009

■ 2, 1.874, 216.009

■ 0, 1.874, 216.009

82, 1.874, 216.009

82, 1.874, 216.009

80, 8.096, 215.878

84, 4.645, 35.469

77, 13.931,
216.148

87, 11.389, 35.565

75, 19.285,
216.610

89, 15.834, 37.942

90, 15.292, 45.521

73, 24.056,
217.298

91, 15.039, 53.496

71, 28.145,
218.263

92, 15.089, 61.566

92, 15.437, 69.410

70, 31.472,
219.568

93, 16.062, 76.757

68, 33.987,
221.282

94, 16.931, 83.430

67, 35.692,
223.478

■ 66, 36.659,
226.215

Harmonies

Complementary

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



82, 1.874, 216.009



81, 1.906, 35.313

Rectangle

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



82, 1.874, 216.009



82, 1.874, 266.009



82, 1.874, 36.009



82, 1.874, 86.009

Sweetspot

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



82, 1.875, 215.946



100, 0.770, 216.486



82, 3.488, 148.755



53, 0.438, 216.530



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, 1.875, 215.946



99, 2.295, 215.935



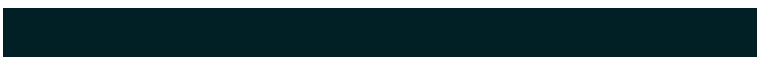
81, 2.200, 270.249



43, 1.446, 215.888



53, 31.538, 227.866



10, 11.819, 220.548

Inverse Universe

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



81, 3.466, 329.459



98, 4.244, 329.470



82, 2.186, 89.293



42, 2.679, 329.529



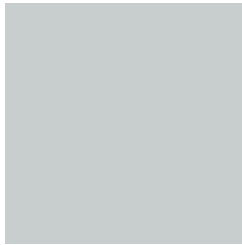
38, 73.610, 336.087



5, 25.359, 333.795

Previews

White Background



This preview shows how the CIELCh color 82, 1.874, 216.009 looks on a white background.

Color Contrast Check

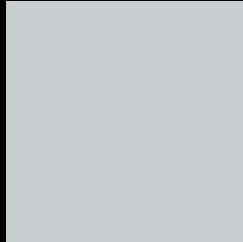
Large Text (above 18pt) WCAG AA × Fail

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, 1.874, 216.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

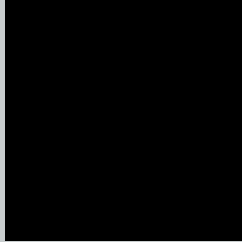
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

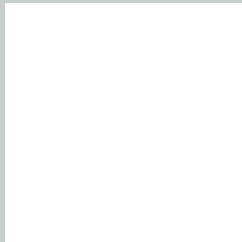
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 1.874, 216.009

Background



This preview shows how black text looks on a background with the CIELCh color 82, 1.874, 216.009.

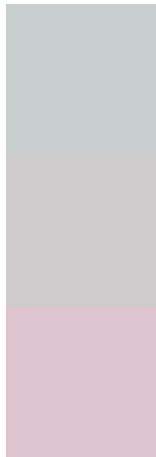


This preview shows how white text looks on a background with the CIELCh color 82, 1.874, 216.009.

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

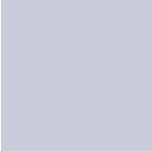
82, 1.874, 216.009

Protanopia

82, 1.818, 343.579

Deuteranopia

82, 10.627, 350.407



Tritanopia
82, 8.488, 288.549

Trichromacy



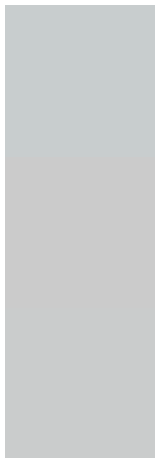
Original Color
82, 1.874, 216.009

Protanomaly
82, 0.539, 290.346

Deuteranomaly
82, 6.347, 344.123

Tritanomaly
82, 5.392, 279.249

Monochromacy



Original Color
82, 1.874, 216.009

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 0.725, 200.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 1.874, 216.009 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(200, 205, 206)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 1.874, 216.009 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(200, 205, 206) }
```

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

```
.border{ border-color:rgb(200, 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(200, 205, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 1.874, 216.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 206) }
```

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

```
.background{ background-color: rgb(200,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor