

Converting Colors

CIE LCh(82, 1.972, 255.975)

Have a look what the booklet for
CIELCh(82, 1.972, 255.975) contains.

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Color

CIELCh(82, 1.915, 255.970)

Conversions

Conversions Part 1

Format	Color
Hex	C9CCCF
RGB	201, 204, 207
RGB Percent	79%, 80%, 81%
CMY	0.2106, 0.1989, 0.1871
CMYK	0.03, 0.01, 0.00, 0.19
HSL	210°, 6%, 80%
HSV	210°, 3%, 81%
XYZ	57.1229, 60.2982, 67.8441
YIQ	203.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

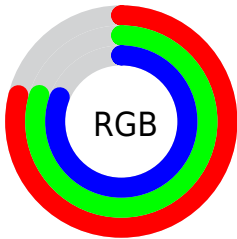
Format	Color
RYB	201, 203, 207
Decimal	13225167
CIELab	82.00, -0.46, -1.86
CIElCh	82, 1.915, 255.970
Yxy	60.2982, 0.3083, 0.3255
Android (android.graphics.Color)	4291415247 (0xFFC9CCCF)
YUV	203.4450, 1.7526, -2.1443
Hunter-Lab	77.6519, -4.5814, 2.5549

Details

The CIELCh color `82, 1.915, 255.970` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 1.913, 74.813`, 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, 2.022, 256.041` is the 20% darker color. If you saturate the color by 10%, you get `78, 8.465, 257.126`, and if you desaturate by 10%, it is `86, 4.683, 74.469`.

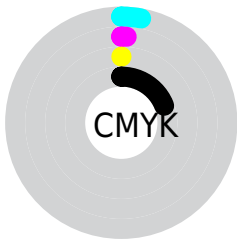
Distribution



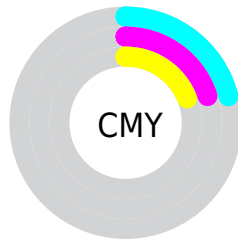
- Red (79%)
- Green (80%)
- Blue (81%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 1.915, 255.970 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, 1.915, 255.970 by changing the saturation by 10% instead.

■ 82, 1.915, 255.970

■ 82, 1.915, 255.970

■ 100, 1.915,
255.970

■ 72, 1.915, 255.970

■ 62, 1.915, 255.970

■ 52, 1.915, 255.970

■ 42, 1.915, 255.970

■ 32, 1.915, 255.970

■ 22, 1.915, 255.970

■ 12, 1.915, 255.970

■ 2, 1.915, 255.970

■ 0, 1.915, 255.970

82, 1.915, 255.970

82, 1.915, 255.970

78, 8.465, 257.126

86, 4.683, 74.469

74, 14.943,
258.729

90, 11.303, 73.523

69, 21.323,
260.652

94, 16.185, 81.875

65, 27.584,
262.947

97, 19.844, 98.538

99, 24.088,
108.351

61, 33.717,
265.672

58, 39.738,
268.876

54, 45.690,
272.577

50, 51.655,
276.733

■ 47, 57.733,
281.218

Harmonies

Complementary

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



82, 1.915, 255.970



82, 1.913, 74.813

Rectangle

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



82, 1.915, 255.970



82, 1.915, 305.970



82, 1.915, 75.970



82, 1.915, 125.970

Sweetspot

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



82, 1.914, 255.909



99, 0.788, 256.039



83, 2.737, 162.683



53, 0.448, 256.062



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

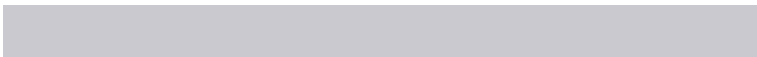
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 1.914, 255.909



98, 2.346, 255.918



81, 3.141, 289.818



43, 1.509, 255.974



36, 52.485, 283.676



6, 16.193, 271.994

Inverse Universe

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



82, 2.729, 343.703



98, 3.345, 343.722



83, 3.103, 109.208



43, 2.155, 343.810



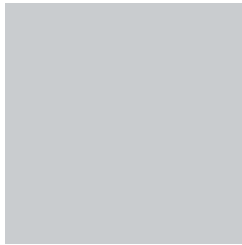
36, 62.124, 1.621



5, 21.818, 353.908

Previews

White Background



This preview shows how the CIELCh color 82, 1.915, 255.970 looks on a white background.

Color Contrast Check

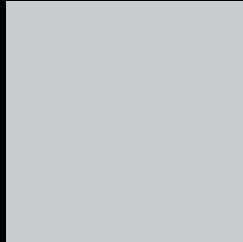
Large Text (above 18pt) WCAG AA × Fail

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, 1.915, 255.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

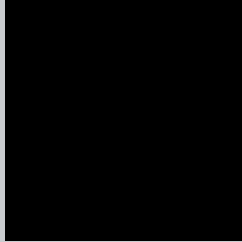
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

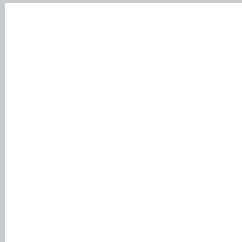
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 1.915, 255.970

Background



This preview shows how black text looks on a background with the CIELCh color 82, 1.915, 255.970.

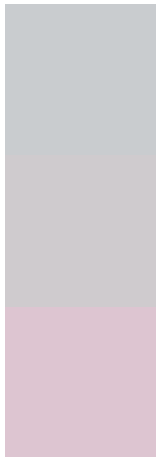


This preview shows how white text looks on a background with the CIELCh color 82, 1.915, 255.970.

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

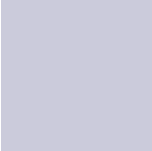
82, 1.915, 255.970

Protanopia

82, 2.174, 332.311

Deuteranopia

82, 10.872, 344.527



Tritanopia
82, 8.486, 290.926

Trichromacy



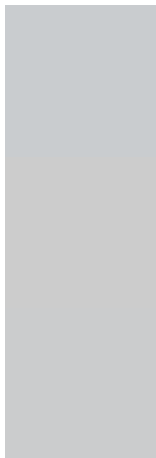
Original Color
82, 1.915, 255.970

Protanomaly
82, 1.765, 314.630

Deuteranomaly
82, 6.669, 340.438

Tritanomaly
82, 6.371, 287.551

Monochromacy



Original Color
82, 1.915, 255.970

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, 1.915, 255.970 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, 204, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 207)  
}
```

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, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 1.915, 255.970 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, 204, 207) }
```

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

```
.border{ border-color:rgb(201, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 204, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 204, 207); box-shadow:4px 4px 4px 4px rgb(201, 204, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 1.915, 255.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 207) }
```

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

```
.background{ background-color: rgb(201,  
204, 207) }
```

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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