

Converting Colors

CIELCh(82, 3.212, 296.927)

Have a look what the booklet for
CIELCh(82, 3.212, 296.927) contains.

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Color

CIELCh(82, 3.213, 296.912)

Conversions

Conversions Part 1

Format	Color
Hex	CCCBD1
RGB	204, 203, 209
RGB Percent	80%, 80%, 82%
CMY	0.1991, 0.2030, 0.1795
CMYK	0.02, 0.03, 0.00, 0.18
HSL	250°, 6%, 81%
HSV	250°, 3%, 82%
XYZ	57.9056, 60.2982, 69.0512
YIQ	203.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

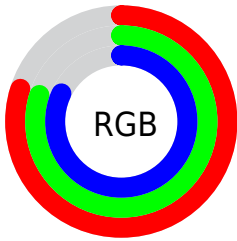
Format	Color
R_{YB}	204, 203, 209
Decimal	13421521
CIE Lab	82.00, 1.45, -2.87
CIE LCh	82, 3.213, 296.912
Yxy	60.2982, 0.3092, 0.3220
Android (android.graphics.Color)	4291611601 (0xFFCCCB _{D1})
YUV	203.9830, 2.4734, 0.0149
Hunter-Lab	77.6519, -2.7821, 1.6333

Details

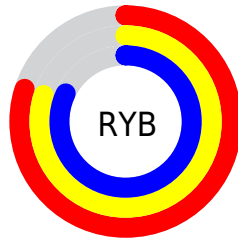
The CIELCh color `82, 3.213, 296.912` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 3.173, 116.483`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 3.400, 296.980` is the 20% darker color. If you saturate the color by 10%, you get `75, 14.660, 297.689`, and if you desaturate by 10%, it is `89, 7.806, 116.210`.

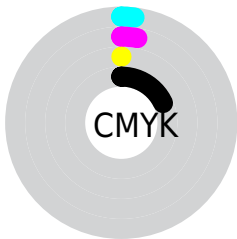
Distribution



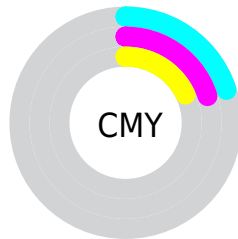
- Red (80%)
- Green (80%)
- Blue (82%)



- Red (80%)
- Yellow (80%)
- Blue (82%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 3.213, 296.912 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, 3.213, 296.912 by changing the saturation by 10% instead.

■ 82, 3.213, 296.912

■ 82, 3.213, 296.912

100, 3.213,
296.912

■ 72, 3.213, 296.912

■ 62, 3.213, 296.912

■ 52, 3.213, 296.912

■ 42, 3.213, 296.912

■ 32, 3.213, 296.912

■ 22, 3.213, 296.912

■ 12, 3.213, 296.912

■ 2, 3.213, 296.912

■ 0, 3.213, 296.912

82, 3.213, 296.912

82, 3.213, 296.912

75, 14.660,
297.689

89, 7.806, 116.210

69, 26.565,
298.610

95, 18.417,
115.623

62, 38.938,
299.670

99, 23.119,
108.425

55, 51.759,
300.870

49, 64.932,
302.196

42, 78.197,
303.595

37, 90.977,
304.957

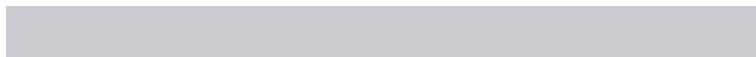
32, 102.192,
306.088

■ 28,110.317,
306.745

Harmonies

Complementary

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



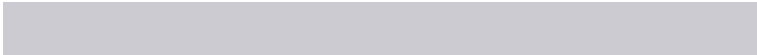
82, 3.213, 296.912



84, 3.173, 116.483

Rectangle

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



82, 3.213, 296.912



82, 3.213, 346.912



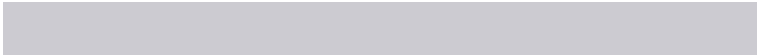
82, 3.213, 116.912



82, 3.213, 166.912

Sweetspot

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



82, 3.211, 296.894



99, 1.318, 296.760



83, 1.889, 214.153



53, 0.750, 296.756



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, 3.211, 296.894



98, 3.946, 296.906



82, 3.499, 314.198



43, 2.544, 296.960



20, 96.872, 307.037



2, 25.728, 297.417

Inverse Universe

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



82, 3.454, 329.458



98, 4.244, 329.473



83, 3.472, 134.063



43, 2.734, 329.533



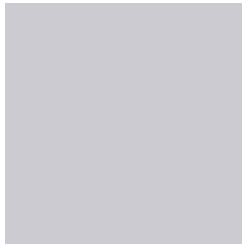
38, 74.429, 336.103



5, 27.369, 334.097

Previews

White Background



This preview shows how the CIELCh color 82, 3.213, 296.912 looks on a white background.

Color Contrast Check

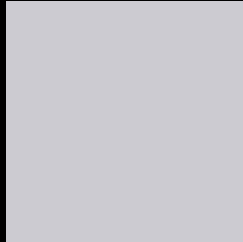
Large Text (above 18pt) WCAG AA × Fail

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, 3.213, 296.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

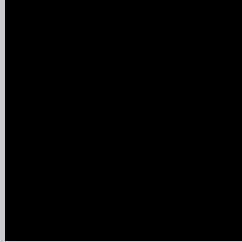
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

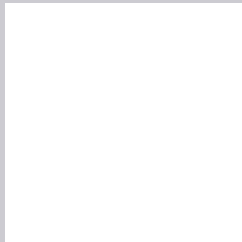
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 3.213, 296.912

Background



This preview shows how black text looks on a background with the CIELCh color 82, 3.213, 296.912.

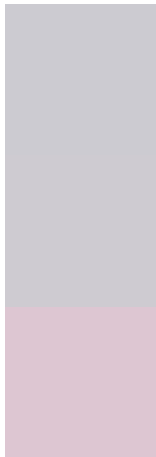


This preview shows how white text looks on a background with the CIELCh color 82, 3.213, 296.912.

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, 3.213, 296.912

Protanopia

82, 3.380, 309.157

Deuteranopia

82, 10.566, 343.316



Tritanopia
82, 8.629, 300.376

Trichromacy



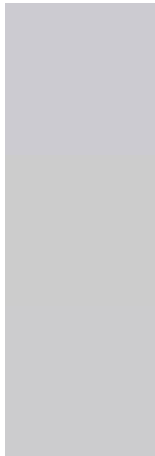
Original Color
82, 3.213, 296.912

Protanomaly
82, 3.278, 303.183

Deuteranomaly
82, 7.642, 336.106

Tritanomaly
82, 6.999, 299.569

Monochromacy



Original Color
82, 3.213, 296.912

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.068, 290.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 3.213, 296.912 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(204, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 209)  
}
```

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(204, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 3.213, 296.912 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(204, 203, 209) }
```

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

```
.border{ border-color:rgb(204, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 3.213, 296.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 209) }
```

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

```
.background{ background-color: rgb(204,  
203, 209) }
```

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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