

Converting Colors

CIELCh(82, 2.383, 252.774)

Have a look what the booklet for
CIELCh(82, 2.383, 252.774) contains.

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Color

CIELCh(82, 2.547, 256.042)

Conversions

Conversions Part 1

Format	Color
Hex	C8CCD0
RGB	200, 204, 208
RGB Percent	78%, 80%, 82%
CMY	0.2140, 0.1983, 0.1827
CMYK	0.04, 0.02, 0.00, 0.18
HSL	210°, 8%, 80%
HSV	210°, 4%, 82%
XYZ	57.0619, 60.2982, 68.5782
YIQ	203.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

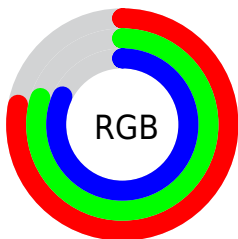
Format	Color
R _{YB}	200, 203, 208
Decimal	13159632
CIE _{Lab}	82.00, -0.61, -2.47
CIE _{LCh}	82, 2.547, 256.042
Y _{xy}	60.2982, 0.3069, 0.3243
Android (android.graphics.Color)	4291349712 (0xFFC8CCD0)
YUV	203.2600, 2.3368, -2.8590
Hunter-Lab	77.6519, -4.7215, 1.9944

Details

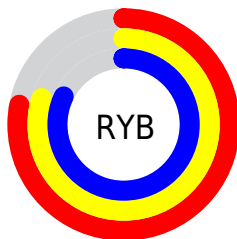
The CIELCh color `82, 2.547, 256.042` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 2.556, 74.764`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 2.690, 256.166` is the 20% darker color. If you saturate the color by 10%, you get `78, 9.121, 257.281`, and if you desaturate by 10%, it is `86, 4.078, 74.574`.

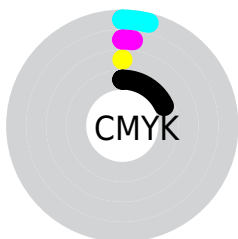
Distribution



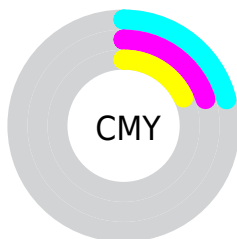
- Red (78%)
- Green (80%)
- Blue (82%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 2.547, 256.042 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, 2.547, 256.042 by changing the saturation by 10% instead.

■ 82, 2.547, 256.042

■ 82, 2.547, 256.042

■ 100, 2.547,
256.042

■ 72, 2.547, 256.042

■ 62, 2.547, 256.042

■ 52, 2.547, 256.042

■ 42, 2.547, 256.042

■ 32, 2.547, 256.042

■ 22, 2.547, 256.042

■ 12, 2.547, 256.042

■ 2, 2.547, 256.042

■ 0, 2.547, 256.042

82, 2.547, 256.042

82, 2.547, 256.042

78, 9.121, 257.281

86, 4.078, 74.574

74, 15.621,
258.914

91, 10.726, 73.624

69, 22.020,
260.871

94, 15.747, 81.626

97, 19.434, 98.791

65, 28.298,
263.205

99, 23.520,
108.395

61, 34.448,
265.976

57, 40.488,
269.228

54, 46.467,
272.977

50, 52.468,
277.174

■ 47, 58.592,
281.681

Harmonies

Complementary

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



82, 2.547, 256.042



82, 2.556, 74.764

Rectangle

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



82, 2.547, 256.042



82, 2.547, 306.042



82, 2.547, 76.042



82, 2.547, 126.042

Sweetspot

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



82, 2.546, 255.997



99, 0.788, 256.055



83, 3.648, 162.569



53, 0.448, 256.078



0, 0.000, 0.000



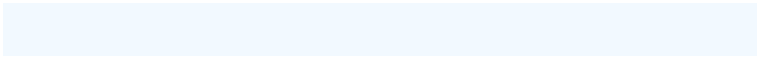
53, 0.007, 296.813

Same Dimension

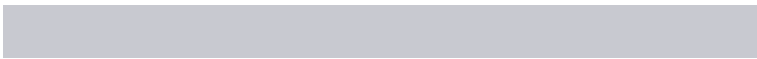
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 2.546, 255.997



97, 3.901, 256.119



81, 4.187, 289.908



43, 2.260, 256.184



36, 52.501, 283.690



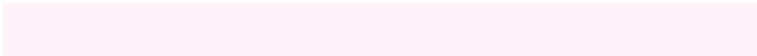
6, 16.197, 272.008

Inverse Universe

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



81, 3.636, 343.826



97, 5.584, 343.955



83, 4.135, 109.122



42, 3.239, 344.014



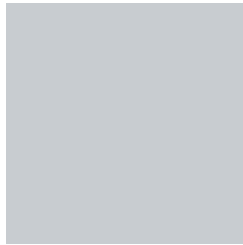
36, 62.122, 1.635



5, 21.816, 353.918

Previews

White Background



This preview shows how the CIELCh color 82, 2.547, 256.042 looks on a white background.

Color Contrast Check

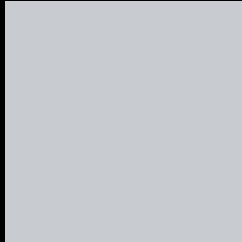
Large Text (above 18pt) WCAG AA × Fail

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, 2.547, 256.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

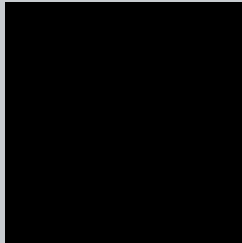
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

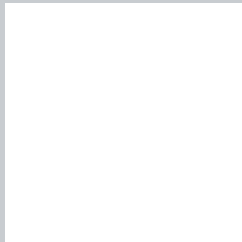
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 2.547, 256.042

Background



This preview shows how black text looks on a background with the CIELCh color 82, 2.547, 256.042.

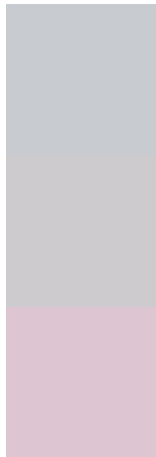


This preview shows how white text looks on a background with the CIELCh color 82, 2.547, 256.042.

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

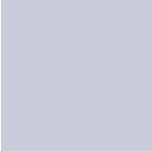
82, 2.547, 256.042

Protanopia

82, 2.403, 317.293

Deuteranopia

82, 10.566, 343.316



Tritanopia
82, 8.488, 288.549

Trichromacy



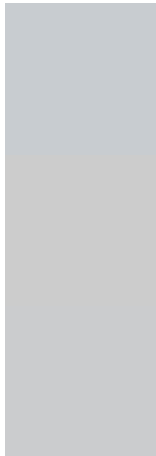
Original Color
82, 2.547, 256.042

Protanomaly
82, 2.127, 290.394

Deuteranomaly
82, 7.016, 337.108

Tritanomaly
82, 5.911, 280.330

Monochromacy



Original Color
82, 2.547, 256.042

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.123, 271.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 2.547, 256.042 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, 204, 208)` looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 208)  
}
```

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, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 2.547, 256.042 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, 204, 208) }
```

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

```
.border{ border-color:rgb(200, 204, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 204, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 2.547, 256.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 208) }
```

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

```
.background{ background-color: rgb(200,  
204, 208) }
```

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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