

Converting Colors

CIE LCh(82, 12.550, 281.048)

Have a look what the booklet for
CIELCh(82, 12.550, 281.048)
contains.

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Color

CIELCh(82, 12.852, 282.050)

Conversions

Conversions Part 1

Format	Color
Hex	C5CBE3
RGB	197, 203, 227
RGB Percent	77%, 80%, 89%
CMY	0.2264, 0.2029, 0.1088
CMYK	0.13, 0.11, 0.00, 0.11
HSL	228°, 35%, 83%
HSV	228°, 13%, 89%
XYZ	58.4107, 60.2982, 81.4229
YIQ	203.9420, -11.2800, 6.1920

Conversions

Conversions Part 2

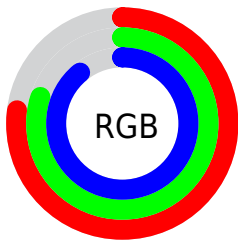
Format	Color
R_{YB}	197, 202, 227
Decimal	12962787
CIE _{Lab}	82.00, 2.68, -12.57
CIE _{LCh}	82, 12.852, 282.050
Yxy	60.2982, 0.2919, 0.3013
Android (android.graphics.Color)	4291152867 (0xFFC5CBE3)
YUV	203.9420, 11.3676, -6.0881
Hunter-Lab	77.6519, -1.6211, -7.8129

Details

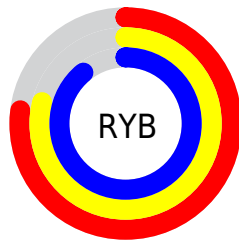
The CIELCh color `82, 12.852, 282.050` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 12.661, 98.877`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `62, 13.043, 282.109` is the 20% darker color. If you saturate the color by 10%, you get `76, 22.915, 283.519`, and if you desaturate by 10%, it is `88, 3.081, 280.821`.

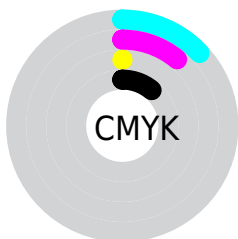
Distribution



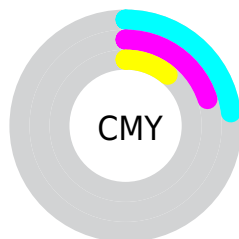
- Red (77%)
- Green (80%)
- Blue (89%)



- Red (77%)
- Yellow (79%)
- Blue (89%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)





- Cyan (23%)
- Magenta (20%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 12.852, 282.050 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, 12.852, 282.050 by changing the saturation by 10% instead.


 82, 12.852,
282.050


 82, 12.852,
282.050


 100, 12.852,
282.050


 72, 12.852,
282.050


 62, 12.852,
282.050

 52, 12.852,
282.050

 42, 12.852,
282.050

 32, 12.852,
282.050

 22, 12.852,
282.050

 12, 12.852,

282.050

■ 2, 12.852, 282.050

■ 0, 12.852, 282.050

■ 82, 12.852,
282.050

■ 82, 12.852,
282.050

■ 76, 22.915,
283.519

■ 88, 3.081, 280.821

■ 69, 33.301,
285.249

■ 95, 6.414, 99.650

■ 63, 44.039,
287.270

■ 99, 14.035,
109.117

■ 57, 55.161,
289.608

■ 51, 66.676,

292.260

■ 45, 78.512,
295.167

■ 40, 90.394,
298.186

■ 35, 101.674,
301.076

■ 33, 108.496,
302.778

Harmonies

Complementary

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



82, 12.852, 282.050



88, 12.661, 98.877

Rectangle

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



82, 12.852, 282.050



82, 12.852, 332.050



82, 12.852, 102.050



82, 12.852, 152.050

Sweetspot

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



82, 12.850, 282.045



97, 4.226, 280.906



88, 11.092, 180.834



51, 3.005, 280.990



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, 12.850, 282.045



89, 17.168, 282.448



81, 16.288, 302.004



45, 5.543, 281.553



25, 89.356, 302.373



4, 29.053, 292.428

Inverse Universe

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



82, 11.594, 4.478



89, 15.541, 4.806



89, 15.870, 120.397



45, 4.978, 4.069



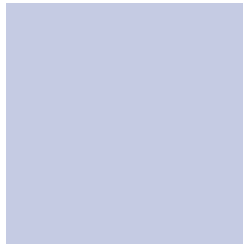
37, 71.014, 29.300



7, 26.667, 13.411

Previews

White Background



This preview shows how the CIELCh color 82, 12.852, 282.050 looks on a white background.

Color Contrast Check

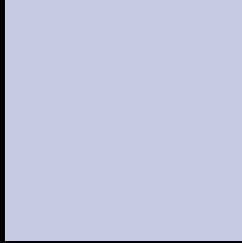
Large Text (above 18pt) WCAG AA × Fail

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, 12.852, 282.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

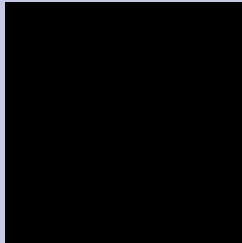
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 12.852, 282.050

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.852, 282.050.

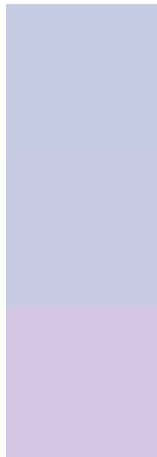


This preview shows how white text looks on a background with the CIELCh color 82, 12.852, 282.050.

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

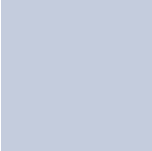
82, 12.852, 282.050

Protanopia

82, 13.263, 289.845

Deuteranopia

82, 16.740, 308.513



Tritanopia
82, 9.378, 273.694

Trichromacy



Original Color
82, 12.852, 282.050

Protanomaly
82, 13.271, 288.357

Deuteranomaly
82, 15.107, 300.725

Tritanomaly
82, 10.390, 275.581

Monochromacy



Original Color
82, 12.852, 282.050

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.292, 280.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.852, 282.050 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(197, 203, 227)` looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 227)  
}
```

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(197, 203, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.852, 282.050 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(197, 203, 227) }
```

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

```
.border{ border-color:rgb(197, 203, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 203, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 203, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 203, 227);  
box-shadow:4px 4px 4px 4px rgb(197, 203,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.852, 282.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 227) }
```

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

```
.background{ background-color: rgb(197,  
203, 227) }
```

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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