

Converting Colors

CIELCh(82, 6.691, 248.617)

Have a look what the booklet for
CIELCh(82, 6.691, 248.617) contains.

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Color

CIELCh(82, 6.533, 246.233)

Conversions

Conversions Part 1

Format	Color
Hex	C1CED7
RGB	193, 206, 215
RGB Percent	76%, 81%, 84%
CMY	0.2436, 0.1927, 0.1574
CMYK	0.10, 0.04, 0.00, 0.16
HSL	205°, 22%, 80%
HSV	205°, 10%, 84%
XYZ	56.2466, 60.2982, 72.8737
YIQ	203.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

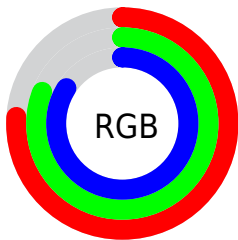
Format	Color
R _Y B	193, 201, 215
Decimal	12701399
CIE Lab	82.00, -2.63, -5.98
CIE LCh	82, 6.533, 246.233
Yxy	60.2982, 0.2969, 0.3183
Android (android.graphics.Color)	4290891479 (0xFFC1CED7)
YUV	203.1390, 5.8475, -8.8919
Hunter-Lab	77.6519, -6.5956, -1.2853

Details

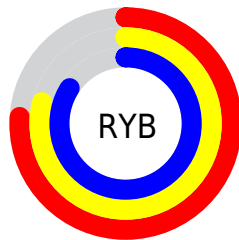
The CIELCh color $82, 6.533, 246.233$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 6.795, 63.842$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.735, 199.677$, and $62, 6.486, 243.044$ is the 20% darker color. If you saturate the color by 10%, you get $78, 12.734, 247.573$, and if you desaturate by 10%, it is $86, 0.159, 247.891$.

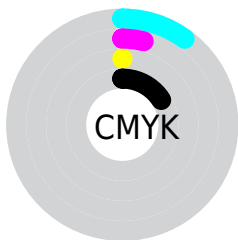
Distribution



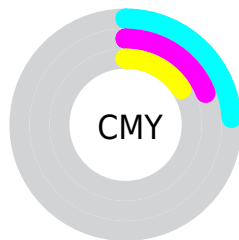
- Red (76%)
- Green (81%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.533, 246.233 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, 6.533, 246.233 by changing the saturation by 10% instead.

■ 82, 6.533, 246.233

■ 82, 6.533, 246.233

■ 100, 6.533,
246.233

■ 72, 6.533, 246.233

■ 62, 6.533, 246.233

■ 52, 6.533, 246.233

■ 42, 6.533, 246.233

■ 32, 6.533, 246.233

■ 22, 6.533, 246.233

■ 12, 6.533, 246.233

■ 2, 6.533, 246.233

■ 0, 6.533, 246.233

82, 6.533, 246.233

82, 6.533, 246.233

78, 12.734,
247.573

86, 0.159, 247.891

74, 18.717,
249.251

90, 6.342, 63.966

71, 24.436,
251.302

93, 12.307, 66.007

67, 29.852,
253.797

98, 17.827,
102.616

64, 34.948,
256.810

99, 20.283,
108.642

61, 39.742,
260.399

58, 44.302,
264.577

55, 48.749,
269.281

■ 52, 53.162,
274.109

Harmonies

Complementary

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



82, 6.533, 246.233



82, 6.795, 63.842

Rectangle

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



82, 6.533, 246.233



82, 6.533, 296.233



82, 6.533, 66.233



82, 6.533, 116.233

Sweetspot

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



82, 6.532, 246.216



99, 2.223, 245.531



84, 10.628, 157.879



52, 1.682, 245.572



0, 0.000, 0.000



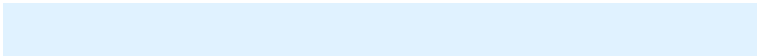
53, 0.007, 296.813

Same Dimension

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



82, 6.532, 246.216



95, 8.777, 246.447



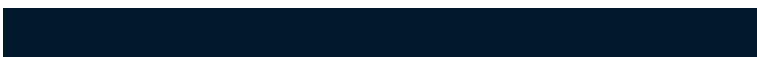
79, 10.591, 286.956



43, 3.616, 246.120



42, 44.232, 273.250



8, 15.024, 262.009

Inverse Universe

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



80, 10.654, 339.799



92, 14.374, 339.956



85, 10.394, 104.728



42, 5.887, 339.731



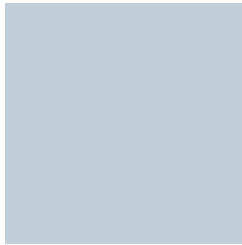
37, 64.549, 353.468



5, 24.654, 347.958

Previews

White Background



This preview shows how the CIELCh color 82, 6.533, 246.233 looks on a white background.

Color Contrast Check

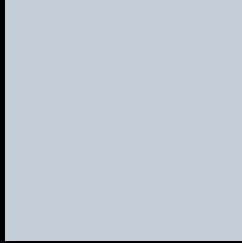
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 6.533, 246.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

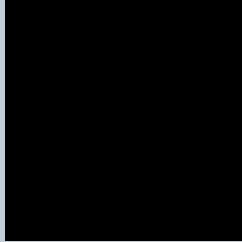
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

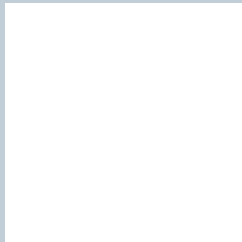
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.533, 246.233

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.533, 246.233.

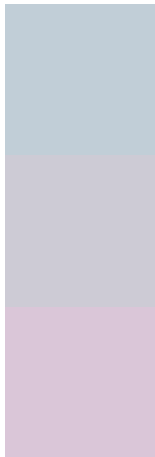


This preview shows how white text looks on a background with the CIELCh color 82, 6.533, 246.233.

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

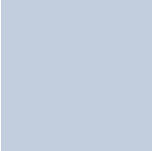
82, 6.533, 246.233

Protanopia

82, 5.365, 298.314

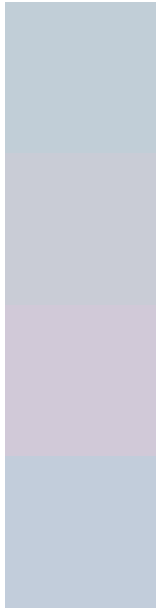
Deuteranopia

82, 12.014, 327.777



Tritanopia
82, 9.222, 266.445

Trichromacy



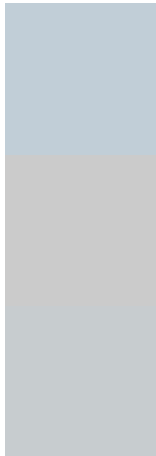
Original Color
82, 6.533, 246.233

Protanomaly
82, 5.392, 279.249

Deuteranomaly
82, 8.496, 310.507

Tritanomaly
82, 8.279, 263.218

Monochromacy



Original Color
82, 6.533, 246.233

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.385, 241.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.533, 246.233 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(193, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 215)  
}
```

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(193, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.533, 246.233 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(193, 206, 215) }
```

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

```
.border{ border-color:rgb(193, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 206,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.533, 246.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 215) }
```

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

```
.background{ background-color: rgb(193,  
206, 215) }
```

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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