

Converting Colors

CIELCh(82, 6.932, 161.408)

Have a look what the booklet for
CIELCh(82, 6.932, 161.408) contains.

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Color

CIELCh(82, 6.936, 161.378)

Conversions

Conversions Part 1

Format	Color
Hex	C1D0C8
RGB	193, 208, 200
RGB Percent	76%, 82%, 78%
CMY	0.2450, 0.1862, 0.2176
CMYK	0.07, 0.00, 0.04, 0.19
HSL	148°, 14%, 78%
HSV	148°, 7%, 81%
XYZ	54.6777, 60.2982, 63.1063
YIQ	202.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

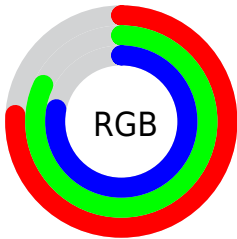
Format	Color
RYB	193, 203, 208
Decimal	12701896
CIELab	82.00, -6.57, 2.21
CIElCh	82, 6.936, 161.378
Yxy	60.2982, 0.3070, 0.3386
Android (android.graphics.Color)	4290891976 (0xFFC1D0C8)
YUV	202.6030, -1.2833, -8.4218
Hunter-Lab	77.6519, -10.2022, 6.1724

Details

The CIELCh color **82, 6.936, 161.378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 7.002, 342.415**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **62, 7.338, 161.168** is the 20% darker color. If you saturate the color by 10%, you get **80, 16.555, 160.461**, and if you desaturate by 10%, it is **84, 2.662, 341.952**.

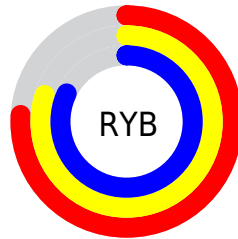
Distribution



Red (76%)

Green (82%)

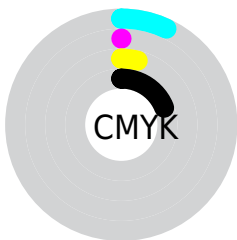
Blue (78%)



Red (76%)

Yellow (80%)

Blue (82%)

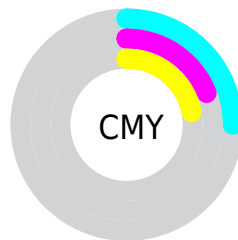


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.936, 161.378 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, 6.936, 161.378 by changing the saturation by 10% instead.

■ 82, 6.936, 161.378

■ 82, 6.936, 161.378

■ 100, 6.936,
161.378

■ 72, 6.936, 161.378

■ 62, 6.936, 161.378

■ 52, 6.936, 161.378

■ 42, 6.936, 161.378

■ 32, 6.936, 161.378

■ 22, 6.936, 161.378

■ 12, 6.936, 161.378

■ 2, 6.936, 161.378

■ 0, 6.936, 161.378

82, 6.936, 161.378

82, 6.936, 161.378

80, 16.555,
160.461

84, 2.662, 341.952

79, 26.074,
159.468

86, 12.155,
342.788

78, 35.356,
158.354

88, 21.475,
343.458

76, 44.241,
157.093

88, 25.290,
333.034

75, 52.564,
155.659


89, 29.712,
325.537

75, 60.172,
154.030

89, 29.769,
325.461

74, 66.945,
152.191

74, 72.826,
150.145

 73, 77.854,
147.933

Harmonies

Complementary

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



82, 6.936, 161.378



79, 7.002, 342.415

Rectangle

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



82, 6.936, 161.378



82, 6.936, 211.378



82, 6.936, 341.378



82, 6.936, 31.378

Sweetspot

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



82, 6.938, 161.373



100, 2.260, 161.945



82, 8.314, 126.984



53, 1.285, 161.964



0, 0.000, 0.000



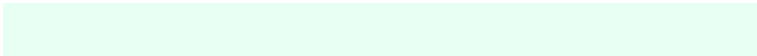
53, 0.007, 296.813

Same Dimension

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



82, 6.938, 161.373



98, 10.219, 161.203



82, 5.380, 194.871



43, 5.484, 161.175



60, 67.222, 147.699



13, 23.036, 153.200

Inverse Universe

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



79, 7.002, 342.415



94, 10.329, 342.584



79, 5.606, 15.681



41, 5.545, 342.611



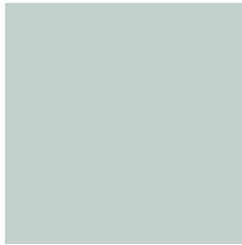
36, 62.575, 358.567



5, 22.172, 351.762

Previews

White Background



This preview shows how the CIELCh color 82, 6.936, 161.378 looks on a white background.

Color Contrast Check

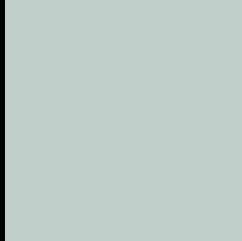
Large Text (above 18pt) WCAG AA × Fail

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, 6.936, 161.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

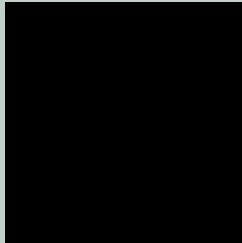
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

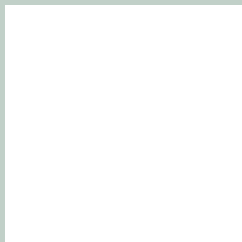
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.936, 161.378

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.936, 161.378.

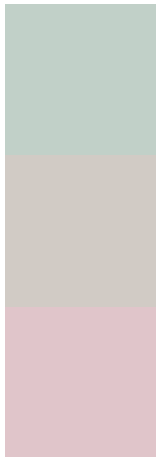


This preview shows how white text looks on a background with the CIELCh color 82, 6.936, 161.378.

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](#).

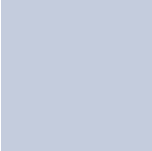
Dichromacy



Original Color
82, 6.936, 161.378

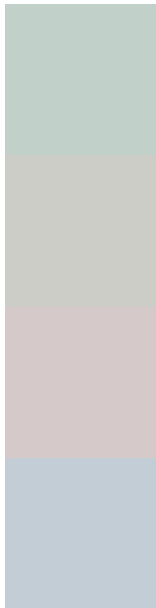
Protanopia
82, 3.852, 74.627

Deuteranopia
82, 10.380, 5.480



Tritanopia
82, 9.378, 273.694

Trichromacy



Original Color
82, 6.936, 161.378

Protanomaly
82, 3.771, 121.079

Deuteranomaly
82, 4.429, 19.619

Tritanomaly
82, 5.469, 250.269

Monochromacy



Original Color
82, 6.936, 161.378

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 2.426, 158.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.936, 161.378 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, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 200)  
}
```

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, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.936, 161.378 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, 208, 200) }
```

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

```
.border{ border-color:rgb(193, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.936, 161.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 200) }
```

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

```
.background{ background-color: rgb(193,  
208, 200) }
```

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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