

Converting Colors

CIELCh(82, 6.464, 200.441)

Have a look what the booklet for
CIELCh(82, 6.464, 200.441) contains.

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Color

CIELCh(82, 6.743, 198.992)

Conversions

Conversions Part 1

Format	Color
Hex	BDD0D0
RGB	189, 208, 208
RGB Percent	74%, 82%, 82%
CMY	0.2599, 0.1854, 0.1854
CMYK	0.09, 0.00, 0.00, 0.19
HSL	180°, 17%, 78%
HSV	180°, 9%, 81%
XYZ	54.7554, 60.2982, 68.2459
YIQ	202.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

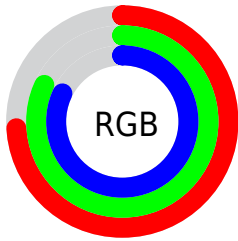
Format	Color
RYB	189, 199, 208
Decimal	12439760
CIELab	82.00, -6.38, -2.19
CIELCh	82, 6.743, 198.992
Yxy	60.2982, 0.2987, 0.3290
Android (android.graphics.Color)	4290629840 (0xFFBDD0D0)
YUV	202.3190, 2.8007, -11.6808
Hunter-Lab	77.6519, -10.0235, 2.2482

Details

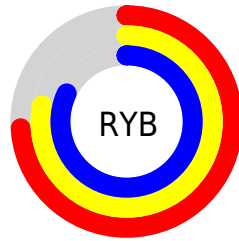
The CIELCh color **82, 6.743, 198.992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 7.143, 19.893**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **62, 6.714, 198.855** is the 20% darker color. If you saturate the color by 10%, you get **81, 13.724, 198.426**, and if you desaturate by 10%, it is **84, 0.646, 18.561**.

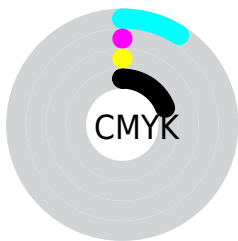
Distribution



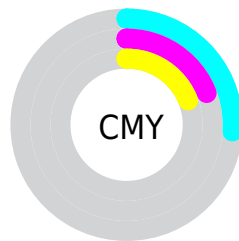
- Red (74%)
- Green (82%)
- Blue (82%)



- Red (74%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.743, 198.992 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, 6.743, 198.992 by changing the saturation by 10% instead.

■ 82, 6.743, 198.992

■ 82, 6.743, 198.992

■ 100, 6.743,
198.992

■ 72, 6.743, 198.992

■ 62, 6.743, 198.992

■ 52, 6.743, 198.992

■ 42, 6.743, 198.992

■ 32, 6.743, 198.992

■ 22, 6.743, 198.992

■ 12, 6.743, 198.992

■ 2, 6.743, 198.992

■ 0, 6.743, 198.992

82, 6.743, 198.992

82, 6.743, 198.992

81, 13.724,
198.426

84, 0.646, 18.561

79, 20.175,
197.951

85, 8.337, 19.949

78, 25.977,
197.535

87, 16.237, 20.581

78, 31.016,
197.181

87, 17.760, 20.690

77, 35.195,
196.891

87, 17.759, 20.685

76, 38.452,
196.668

87, 17.759, 20.673

76, 40.772,
196.510

87, 17.759, 20.668

76, 42.198,
196.413

■ 76, 42.893,
196.365

Harmonies

Complementary

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



82, 6.743, 198.992



78, 7.143, 19.893

Rectangle

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



82, 6.743, 198.992



82, 6.743, 248.992



82, 6.743, 18.992



82, 6.743, 68.992

Sweetspot

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



82, 6.744, 198.978



99, 2.650, 199.474



82, 12.247, 143.496



53, 2.005, 199.377



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, 6.744, 198.978



98, 9.531, 198.859



80, 5.951, 254.823



43, 4.203, 198.961



62, 36.717, 196.362



14, 14.040, 196.366

Inverse Universe

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



78, 7.143, 19.893



92, 10.226, 20.050



80, 6.093, 72.438



41, 4.460, 19.914



35, 76.448, 39.857



4, 20.018, 19.459

Previews

White Background



This preview shows how the CIELCh color 82, 6.743, 198.992 looks on a white background.

Color Contrast Check

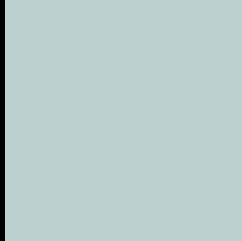
Large Text (above 18pt) WCAG AA × Fail

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, 6.743, 198.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

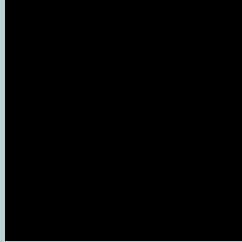
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

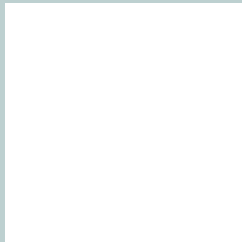
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.743, 198.992

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.743, 198.992.

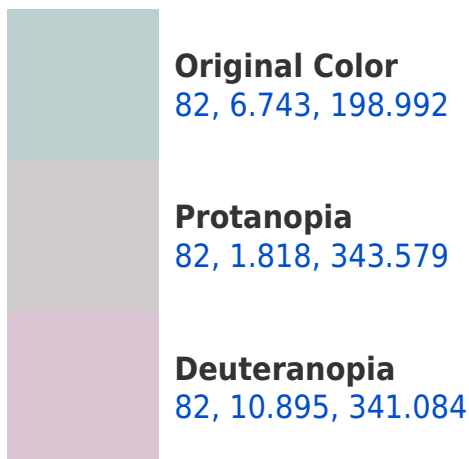


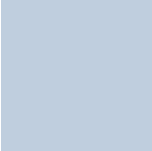
This preview shows how white text looks on a background with the CIELCh color 82, 6.743, 198.992.

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](#).

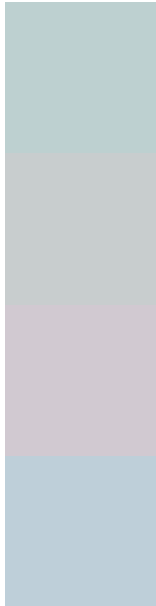
Dichromacy





Tritanopia
82, 9.826, 259.098

Trichromacy



Original Color
82, 6.743, 198.992

Protanomaly
82, 1.874, 216.009

Deuteranomaly
82, 5.172, 324.599

Tritanomaly
82, 7.856, 241.656

Monochromacy



Original Color
82, 6.743, 198.992

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 2.527, 199.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.743, 198.992 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(189, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 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(189, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.743, 198.992 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(189, 208, 208) }
```

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

```
.border{ border-color:rgb(189, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 208, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 208, 208); box-shadow:4px 4px 4px 4px rgb(189, 208, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.743, 198.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 208) }
```

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

```
.background{ background-color: rgb(189,  
208, 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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