

Converting Colors

CIELCh(82, 9.993, 234.817)

Have a look what the booklet for
CIELCh(82, 9.993, 234.817) contains.

CIELCh(82, 9.987, 234.791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 9.987, 234.791)

Conversions

Conversions Part 1

Format	Color
Hex	B8D0DB
RGB	184, 208, 219
RGB Percent	72%, 82%, 86%
CMY	0.2791, 0.1850, 0.1419
CMYK	0.16, 0.05, 0.00, 0.14
HSL	199°, 33%, 79%
HSV	199°, 16%, 86%
XYZ	54.9997, 60.2982, 75.6333
YIQ	202.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

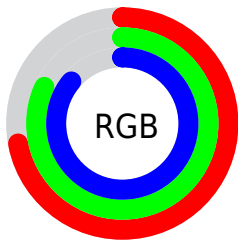
Format	Color
RYB	184, 198, 219
Decimal	12112091
CIELab	82.00, -5.76, -8.16
CIELCh	82, 9.987, 234.791
Yxy	60.2982, 0.2881, 0.3158
Android (android.graphics.Color)	4290302171 (0xFFB8D0DB)
YUV	202.0780, 8.3425, -15.8544
Hunter-Lab	77.6519, -9.4619, -3.3924

Details

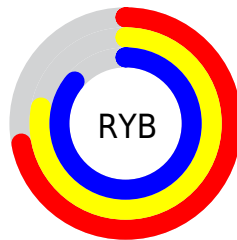
The CIELCh color **82, 9.987, 234.791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 10.898, 52.158**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **62, 9.844, 233.699** is the 20% darker color. If you saturate the color by 10%, you get **79, 15.840, 235.950**, and if you desaturate by 10%, it is **85, 3.821, 233.924**.

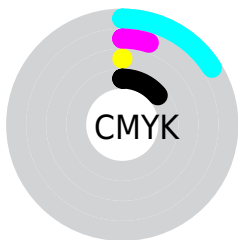
Distribution



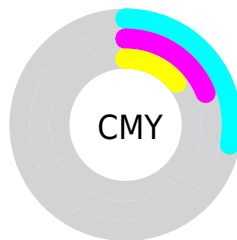
- Red (72%)
- Green (82%)
- Blue (86%)



- Red (72%)
- Yellow (78%)
- Blue (86%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.987, 234.791 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, 9.987, 234.791 by changing the saturation by 10% instead.

■ 82, 9.987, 234.791

■ 82, 9.987, 234.791

■ 100, 9.987,
234.791

■ 72, 9.987, 234.791

■ 62, 9.987, 234.791

■ 52, 9.987, 234.791

■ 42, 9.987, 234.791

■ 32, 9.987, 234.791

■ 22, 9.987, 234.791

■ 12, 9.987, 234.791

■ 2, 9.987, 234.791

■ 0, 9.987, 234.791

82, 9.987, 234.791

82, 9.987, 234.791

79, 15.840,
235.950

85, 3.821, 233.924

76, 21.310,
237.442

89, 2.590, 52.831

73, 26.323,
239.325

92, 9.187, 52.385

70, 30.822,
241.686

96, 12.826, 87.628

67, 34.772,
244.614

98, 15.513,
100.903

64, 38.190,
248.190

99, 18.293,
108.794

62, 41.157,
252.449

60, 43.832,
257.339

■ 59, 44.912,
259.342

Harmonies

Complementary

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



82, 9.987, 234.791



80, 10.898, 52.158

Rectangle

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



82, 9.987, 234.791



82, 9.987, 284.791



82, 9.987, 54.791



82, 9.987, 104.791

Sweetspot

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



82, 9.987, 234.781



98, 3.616, 233.871



84, 18.190, 153.128



52, 2.464, 233.910



0, 0.000, 0.000



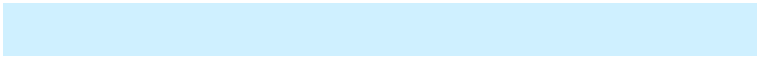
53, 0.007, 296.813

Same Dimension

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



82, 9.987, 234.781



93, 13.335, 235.120



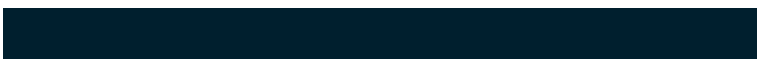
78, 15.155, 282.430



44, 3.601, 234.174



47, 37.441, 258.457



11, 13.904, 248.081

Inverse Universe

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



78, 18.134, 335.976



88, 24.432, 336.218



85, 14.889, 98.560



43, 6.419, 335.485



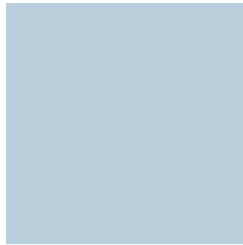
38, 68.581, 345.836



6, 27.765, 342.069

Previews

White Background



This preview shows how the CIELCh color 82, 9.987, 234.791 looks on a white background.

Color Contrast Check

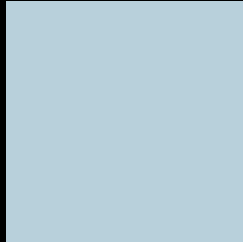
Large Text (above 18pt) WCAG AA × Fail

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, 9.987, 234.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

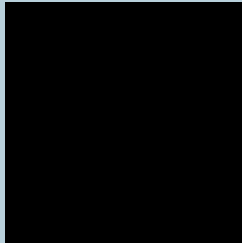
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

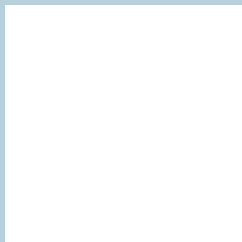
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 9.987, 234.791

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.987, 234.791.



This preview shows how white text looks on a background with the CIELCh color 82, 9.987, 234.791.

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

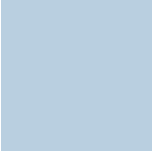
82, 9.987, 234.791

Protanopia

82, 6.949, 296.667

Deuteranopia

82, 13.690, 317.387



Tritanopia
82, 11.563, 250.475

Trichromacy



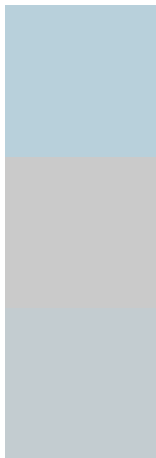
Original Color
82, 9.987, 234.791

Protanomaly
82, 6.781, 269.418

Deuteranomaly
82, 9.590, 295.228

Tritanomaly
82, 10.805, 246.616

Monochromacy



Original Color
82, 9.987, 234.791

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.823, 233.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.987, 234.791 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(184, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 208, 219)  
}
```

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(184, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 208, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.987, 234.791 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(184, 208, 219) }
```

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

```
.border{ border-color:rgb(184, 208, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 208, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 208, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 208, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 208,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.987, 234.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 208, 219) }
```

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

```
.background{ background-color: rgb(184,  
208, 219) }
```

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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