

Converting Colors

CIE LCh(82, 9.272, 245.325)

Have a look what the booklet for
CIELCh(82, 9.272, 245.325) contains.

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Color

CIELCh(82, 9.034, 243.981)

Conversions

Conversions Part 1

Format	Color
Hex	BCCFDB
RGB	188, 207, 219
RGB Percent	74%, 81%, 86%
CMY	0.2635, 0.1890, 0.1420
CMYK	0.14, 0.05, 0.00, 0.14
HSL	203°, 30%, 80%
HSV	203°, 14%, 86%
XYZ	55.7137, 60.2982, 75.5801
YIQ	202.6870, -15.1760, -0.2960

Conversions

Conversions Part 2

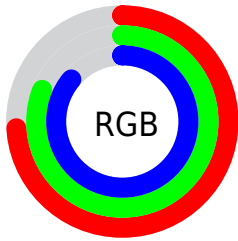
Format	Color
R_{YB}	188, 200, 219
Decimal	12373979
CIE _{Lab}	82.00, -3.96, -8.12
CIE _{LCh}	82, 9.034, 243.981
Yxy	60.2982, 0.2908, 0.3147
Android (android.graphics.Color)	4290564059 (0xFFBCCFDB)
YUV	202.6870, 8.0423, -12.8805
Hunter-Lab	77.6519, -7.8207, -3.3518

Details

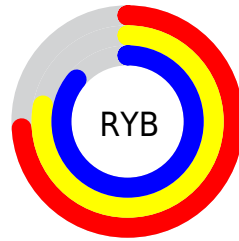
The CIELCh color $82, 9.034, 243.981$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 9.610, 60.886$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.799, 199.339$, and $62, 9.096, 241.855$ is the 20% darker color. If you saturate the color by 10%, you get $78, 15.150, 245.384$, and if you desaturate by 10%, it is $86, 2.698, 242.919$.

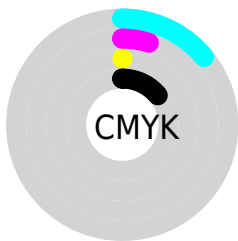
Distribution



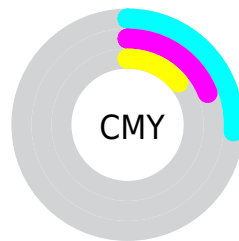
- Red (74%)
- Green (81%)
- Blue (86%)



- Red (74%)
- Yellow (78%)
- Blue (86%)



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



- Cyan (26%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.034, 243.981 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, 9.034, 243.981 by changing the saturation by 10% instead.

■ 82, 9.034, 243.981

■ 82, 9.034, 243.981

■ 100, 9.034,
243.981

■ 72, 9.034, 243.981

■ 62, 9.034, 243.981

■ 52, 9.034, 243.981

■ 42, 9.034, 243.981

■ 32, 9.034, 243.981

■ 22, 9.034, 243.981

■ 12, 9.034, 243.981

■ 2, 9.034, 243.981

■ 0, 9.034, 243.981

82, 9.034, 243.981

82, 9.034, 243.981

78, 15.150,
245.384

86, 2.698, 242.919

75, 20.994,
247.135

90, 3.806, 61.643

71, 26.514,
249.285

93, 10.434, 60.921

68, 31.672,
251.914

98, 15.552,
101.007

65, 36.455,
255.098

99, 18.305,
108.793

61, 40.894,
258.889

58, 45.076,
263.288

56, 49.148,
268.201

■ 54, 51.576,
271.125

Harmonies

Complementary

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



82, 9.034, 243.981



82, 9.610, 60.886

Rectangle

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



82, 9.034, 243.981



82, 9.034, 293.981



82, 9.034, 63.981



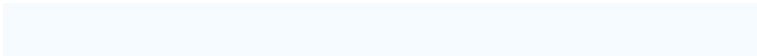
82, 9.034, 113.981

Sweetspot

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



82, 9.033, 243.969



98, 2.934, 242.910



85, 15.128, 156.785



52, 2.082, 242.962



0, 0.000, 0.000



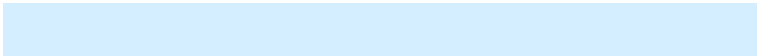
53, 0.007, 296.813

Same Dimension

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



82, 9.033, 243.969



93, 12.216, 244.359



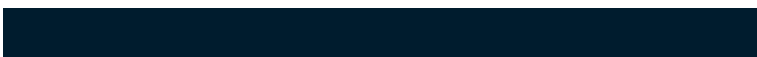
78, 14.702, 286.643



44, 3.653, 243.410



43, 42.837, 270.253



9, 15.195, 259.563

Inverse Universe

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



79, 15.244, 339.082



89, 20.758, 339.329



86, 14.355, 103.469



43, 6.095, 338.697



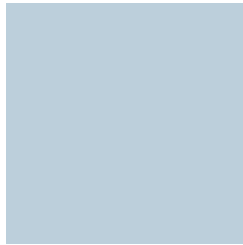
38, 65.895, 351.634



6, 26.536, 346.582

Previews

White Background



This preview shows how the CIELCh color 82, 9.034, 243.981 looks on a white background.

Color Contrast Check

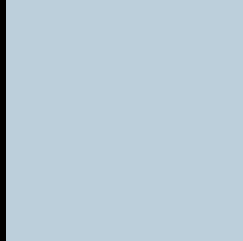
Large Text (above 18pt) WCAG AA × Fail

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, 9.034, 243.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

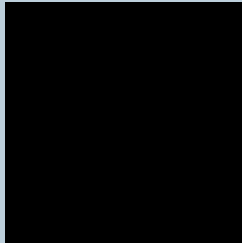
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

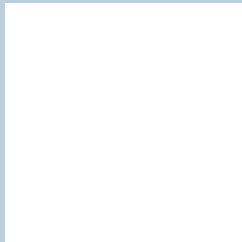
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 9.034, 243.981

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.034, 243.981.



This preview shows how white text looks on a background with the CIELCh color 82, 9.034, 243.981.

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](#).

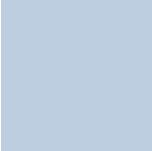
Dichromacy



Original Color
82, 9.034, 243.981

Protanopia
82, 7.477, 296.285

Deuteranopia
82, 13.852, 318.727



Tritanopia
82, 10.791, 256.030

Trichromacy



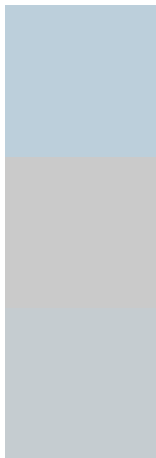
Original Color
82, 9.034, 243.981

Protanomaly
82, 7.171, 273.663

Deuteranomaly
82, 10.269, 300.952

Tritanomaly
82, 9.960, 252.330

Monochromacy



Original Color
82, 9.034, 243.981

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 3.259, 240.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.034, 243.981 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(188, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 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(188, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.034, 243.981 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(188, 207, 219) }
```

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

```
.border{ border-color:rgb(188, 207, 219) }
```

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

Here you see how a box with a 4 pixel rgb(188, 207, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.034, 243.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 219) }
```

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

```
.background{ background-color: rgb(188,  
207, 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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