

Converting Colors

CIELCh(82, 7.953, 239.988)

Have a look what the booklet for
CIELCh(82, 7.953, 239.988) contains.

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Color

CIELCh(82, 8.109, 240.020)

Conversions

Conversions Part 1

Format	Color
Hex	BDCFD9
RGB	189, 207, 217
RGB Percent	74%, 81%, 85%
CMY	0.2597, 0.1891, 0.1499
CMYK	0.13, 0.05, 0.00, 0.15
HSL	201°, 27%, 80%
HSV	201°, 13%, 85%
XYZ	55.6781, 60.2982, 74.1875
YIQ	202.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

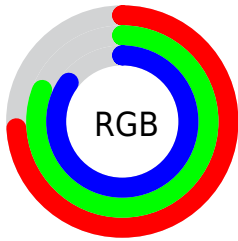
Format	Color
R_{YB}	189, 200, 217
Decimal	12439513
CIE _{Lab}	82.00, -4.05, -7.02
CIE _{LCh}	82, 8.109, 240.020
Yxy	60.2982, 0.2928, 0.3171
Android (android.graphics.Color)	4290629593 (0xFFBDCFD9)
YUV	202.7580, 7.0213, -12.0658
Hunter-Lab	77.6519, -7.9025, -2.2884

Details

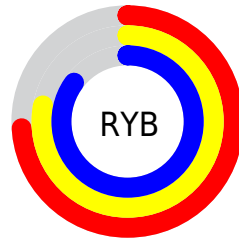
The CIELCh color `82, 8.109, 240.020` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 8.624, 57.451`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.457, 199.378`, and `62, 8.161, 237.321` is the 20% darker color. If you saturate the color by 10%, you get `79, 14.110, 241.272`, and if you desaturate by 10%, it is `86, 1.863, 239.167`.

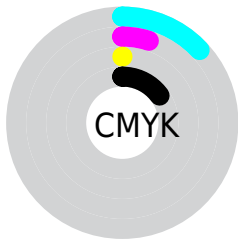
Distribution



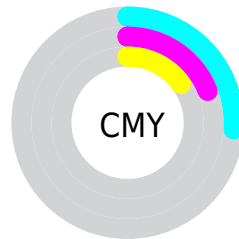
- Red (74%)
- Green (81%)
- Blue (85%)



- Red (74%)
- Yellow (78%)
- Blue (85%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.109, 240.020 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, 8.109, 240.020 by changing the saturation by 10% instead.

■ 82, 8.109, 240.020

■ 82, 8.109, 240.020

■ 100, 8.109,
240.020

■ 72, 8.109, 240.020

■ 62, 8.109, 240.020

■ 52, 8.109, 240.020

■ 42, 8.109, 240.020

■ 32, 8.109, 240.020

■ 22, 8.109, 240.020

■ 12, 8.109, 240.020

■ 2, 8.109, 240.020

■ 0, 8.109, 240.020

82, 8.109, 240.020

82, 8.109, 240.020

79, 14.110,
241.272

86, 1.863, 239.167

75, 19.807,
242.861

89, 4.571, 57.936

72, 25.141,
244.835

93, 11.145, 57.304

69, 30.060,
247.274

97, 15.025, 95.459

66, 34.538,
250.262

99, 18.455,
106.714

63, 38.588,
253.870

99, 19.329,
108.715

60, 42.283,
258.125

57, 45.762,
262.970

■ 56, 48.236,
266.565

Harmonies

Complementary

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



82, 8.109, 240.020



81, 8.624, 57.451

Rectangle

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



82, 8.109, 240.020



82, 8.109, 290.020



82, 8.109, 60.020



82, 8.109, 110.020

Sweetspot

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



82, 8.109, 240.007



98, 2.911, 239.200



84, 14.028, 155.437



52, 2.066, 239.243



0, 0.000, 0.000



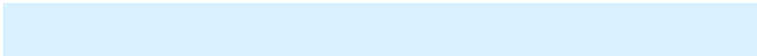
53, 0.007, 296.813

Same Dimension

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



82, 8.109, 240.007



94, 10.702, 240.262



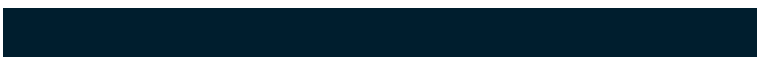
78, 12.791, 284.788



44, 3.620, 239.640



45, 40.419, 265.711



10, 14.597, 255.031

Inverse Universe

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



79, 14.070, 337.606



90, 18.676, 337.782



85, 12.548, 101.828



43, 6.226, 337.333



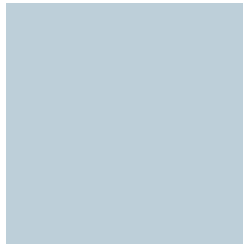
38, 66.905, 349.168



6, 27.019, 344.659

Previews

White Background



This preview shows how the CIELCh color 82, 8.109, 240.020 looks on a white background.

Color Contrast Check

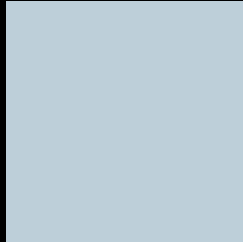
Large Text (above 18pt) WCAG AA × Fail

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, 8.109, 240.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

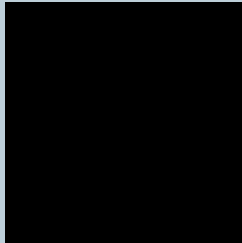
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

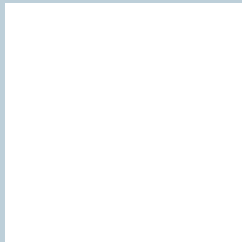
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.109, 240.020

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.109, 240.020.



This preview shows how white text looks on a background with the CIELCh color 82, 8.109, 240.020.

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, 8.109, 240.020

Protanopia

82, 6.422, 297.119

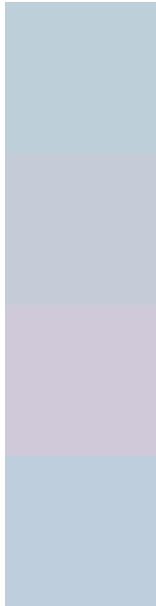
Deuteranopia

82, 13.114, 322.297



Tritanopia
82, 10.000, 257.421

Trichromacy



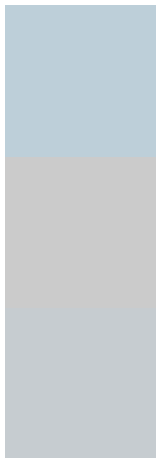
Original Color
82, 8.109, 240.020

Protanomaly
82, 6.170, 270.598

Deuteranomaly
82, 9.304, 304.188

Tritanomaly
82, 9.152, 253.553

Monochromacy



Original Color
82, 8.109, 240.020

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.999, 244.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.109, 240.020 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, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 207, 217)  
}
```

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, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 207, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.109, 240.020 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, 207, 217) }
```

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

```
.border{ border-color:rgb(189, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 207,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.109, 240.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 207, 217) }
```

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

```
.background{ background-color: rgb(189,  
207, 217) }
```

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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