

Converting Colors

CIE LCh(82, 7.164, 222.238)

Have a look what the booklet for
CIELCh(82, 7.164, 222.238) contains.

CIELCh(82, 7.318, 224.865)	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, 7.318, 224.865)

Conversions

Conversions Part 1

Format	Color
Hex	BCCFD5
RGB	188, 207, 213
RGB Percent	74%, 81%, 84%
CMY	0.2617, 0.1872, 0.1636
CMYK	0.12, 0.03, 0.00, 0.16
HSL	194°, 23%, 79%
HSV	194°, 12%, 84%
XYZ	55.2263, 60.2982, 71.8580
YIQ	202.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

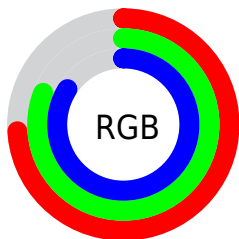
Format	Color
R_{YB}	188, 199, 213
Decimal	12373973
CIE Lab	82.00, -5.19, -5.16
CIE LCh	82, 7.318, 224.865
Yxy	60.2982, 0.2947, 0.3218
Android (android.graphics.Color)	4290564053 (0xFFBCCFD5)
YUV	202.0030, 5.4215, -12.2806
Hunter-Lab	77.6519, -8.9411, -0.5098

Details

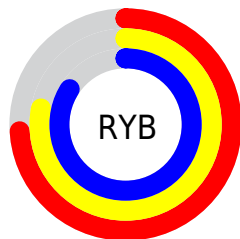
The CIELCh color $82, 7.318, 224.865$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 7.856, 43.693$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.799, 199.339$, and $62, 7.131, 222.153$ is the 20% darker color. If you saturate the color by 10%, you get $79, 13.194, 225.508$, and if you desaturate by 10%, it is $85, 1.103, 224.769$.

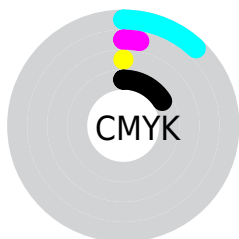
Distribution



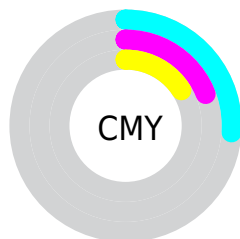
- Red (74%)
- Green (81%)
- Blue (84%)



- Red (74%)
- Yellow (78%)
- Blue (84%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 7.318, 224.865 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, 7.318, 224.865 by changing the saturation by 10% instead.



82, 7.318, 224.865

82, 7.318, 224.865

79, 13.194,
225.508

85, 1.103, 224.769

77, 18.645,
226.420

88, 5.375, 43.792

74, 23.583,
227.632

91, 12.051, 43.592

72, 27.920,
229.216

92, 12.622, 55.938

69, 31.588,
231.256

94, 13.021, 70.033

67, 34.550,
233.843

95, 14.144, 82.529

65, 36.826,
237.065

96, 15.831, 92.723

64, 38.512,
240.973

97, 17.916,
100.699

99, 20.269,
106.869

■ 62, 39.648,
244.613

Harmonies

Complementary

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



82, 7.318, 224.865



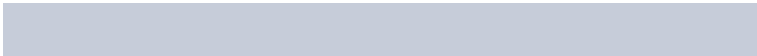
80, 7.856, 43.693

Rectangle

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



82, 7.318, 224.865



82, 7.318, 274.865



82, 7.318, 44.865



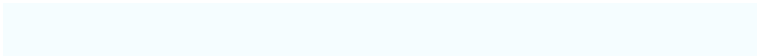
82, 7.318, 94.865

Sweetspot

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



82, 7.318, 224.850



99, 2.940, 224.585



83, 13.698, 150.951



52, 2.085, 224.587



0, 0.000, 0.000



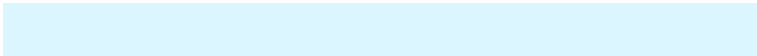
53, 0.007, 296.813

Same Dimension

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



82, 7.318, 224.850



95, 10.040, 224.986



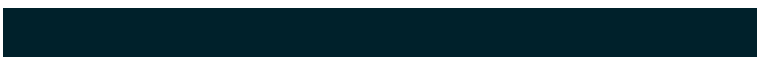
79, 10.029, 277.613



44, 3.575, 224.736



51, 33.486, 243.845



11, 12.734, 234.475

Inverse Universe

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



79, 13.688, 332.696



91, 18.922, 332.862



83, 9.961, 94.674



42, 6.639, 332.538



38, 71.281, 340.595



6, 27.626, 337.838

Previews

White Background



This preview shows how the CIELCh color 82, 7.318, 224.865 looks on a white background.

Color Contrast Check

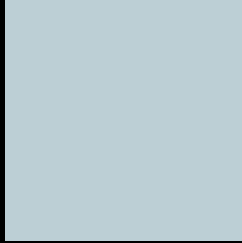
Large Text (above 18pt) WCAG AA × Fail

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, 7.318, 224.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

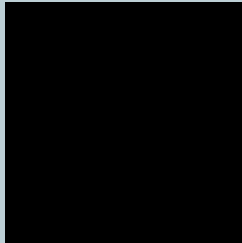
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

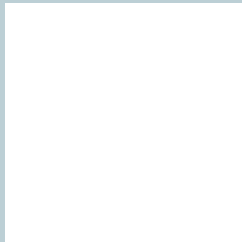
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 7.318, 224.865

Background



This preview shows how black text looks on a background with the CIELCh color 82, 7.318, 224.865.



This preview shows how white text looks on a background with the CIELCh color 82, 7.318, 224.865.

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](#).

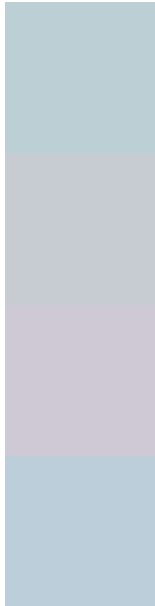
Dichromacy





Tritanopia
82, 10.000, 257.421

Trichromacy



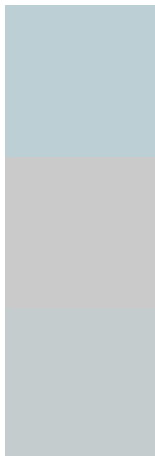
Original Color
82, 7.318, 224.865

Protanomaly
82, 4.093, 264.685

Deuteranomaly
82, 7.259, 307.977

Tritanomaly
82, 8.957, 249.629

Monochromacy



Original Color
82, 7.318, 224.865

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 2.717, 222.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 7.318, 224.865 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 7.318, 224.865 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, 213) }
```

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

```
.border{ border-color:rgb(188, 207, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 7.318, 224.865 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, 213) }
```

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

```
.background{ background-color: rgb(188,  
207, 213) }
```

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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