

Converting Colors

CIELCh(82, 7.450, 238.992)

Have a look what the booklet for
CIELCh(82, 7.450, 238.992) contains.

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Color

CIELCh(82, 7.530, 238.517)

Conversions

Conversions Part 1

Format	Color
Hex	BECFD8
RGB	190, 207, 216
RGB Percent	75%, 81%, 85%
CMY	0.2563, 0.1896, 0.1543
CMYK	0.12, 0.04, 0.00, 0.15
HSL	201°, 25%, 79%
HSV	201°, 12%, 85%
XYZ	55.7258, 60.2982, 73.4282
YIQ	202.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

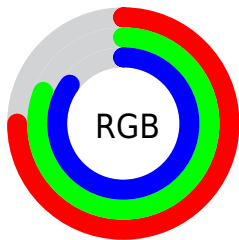
Format	Color
R_{YB}	190, 200, 216
Decimal	12505048
CIE Lab	82.00, -3.93, -6.42
CIE LCh	82, 7.530, 238.517
Yxy	60.2982, 0.2941, 0.3183
Android (android.graphics.Color)	4290695128 (0xFFBECFD8)
YUV	202.9430, 6.4371, -11.3510
Hunter-Lab	77.6519, -7.7928, -1.7087

Details

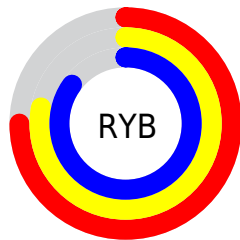
The CIELCh color $82, 7.530, 238.517$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 7.987, 56.207$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 199.421$, and $62, 7.570, 235.458$ is the 20% darker color. If you saturate the color by 10%, you get $79, 13.502, 239.697$, and if you desaturate by 10%, it is $85, 1.308, 237.836$.

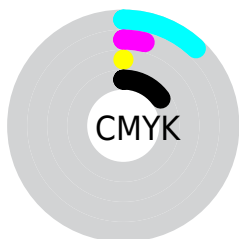
Distribution



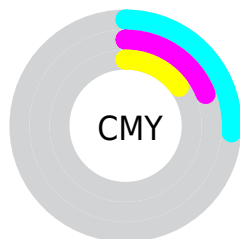
- Red (75%)
- Green (81%)
- Blue (85%)



- Red (75%)
- Yellow (78%)
- Blue (85%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 7.530, 238.517 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, 7.530, 238.517 by changing the saturation by 10% instead.

■ 82, 7.530, 238.517

■ 82, 7.530, 238.517

■ 100, 7.530,
238.517

■ 72, 7.530, 238.517

■ 62, 7.530, 238.517

■ 52, 7.530, 238.517

■ 42, 7.530, 238.517

■ 32, 7.530, 238.517

■ 22, 7.530, 238.517

■ 12, 7.530, 238.517

■ 2, 7.530, 238.517

■ 0, 7.530, 238.517

82, 7.530, 238.517

82, 7.530, 238.517

79, 13.502,
239.697

85, 1.308, 237.836

75, 19.162,
241.207

89, 5.106, 56.549

72, 24.448,
243.092

93, 11.663, 55.954

69, 29.305,
245.433

96, 14.993, 93.215

66, 33.698,
248.314

98, 18.177,
104.618

63, 37.634,
251.812

99, 19.890,
108.672

60, 41.176,
255.968

58, 44.455,
260.742

■ 56, 47.037,
264.773

Harmonies

Complementary

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



82, 7.530, 238.517



81, 7.987, 56.207

Rectangle

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



82, 7.530, 238.517



82, 7.530, 288.517



82, 7.530, 58.517



82, 7.530, 108.517

Sweetspot

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



82, 7.530, 238.502



98, 2.905, 237.825



84, 13.198, 154.805



52, 2.062, 237.865



0, 0.000, 0.000



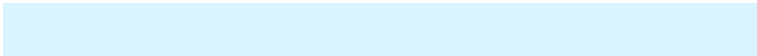
53, 0.007, 296.813

Same Dimension

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



82, 7.530, 238.502



94, 9.981, 238.726



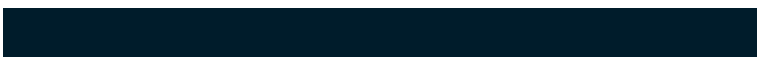
79, 11.653, 283.781



43, 3.543, 238.240



45, 39.138, 263.870



9, 13.830, 252.545

Inverse Universe

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



79, 13.170, 337.050



91, 17.553, 337.211



84, 11.460, 100.989



42, 6.154, 336.846



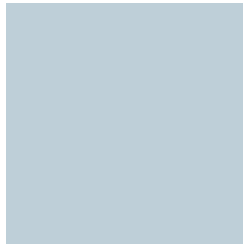
37, 66.591, 348.260



5, 25.649, 343.839

Previews

White Background



This preview shows how the CIELCh color 82, 7.530, 238.517 looks on a white background.

Color Contrast Check

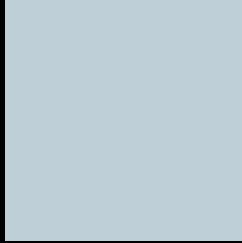
Large Text (above 18pt) WCAG AA × Fail

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, 7.530, 238.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

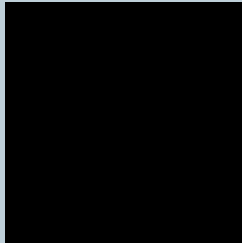
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

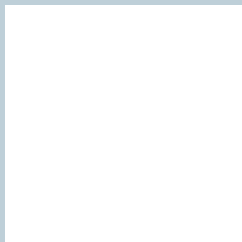
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 7.530, 238.517

Background



This preview shows how black text looks on a background with the CIELCh color 82, 7.530, 238.517.



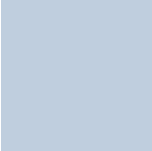
This preview shows how white text looks on a background with the CIELCh color 82, 7.530, 238.517.

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](#).

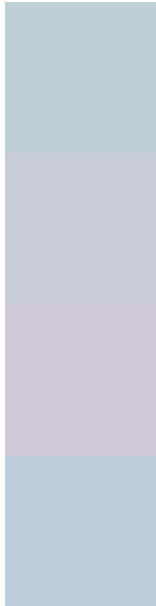
Dichromacy





Tritanopia
82, 9.826, 259.098

Trichromacy



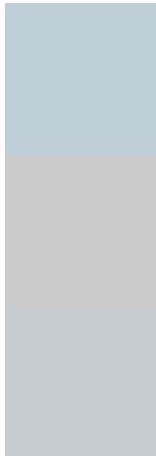
Original Color
82, 7.530, 238.517

Protanomaly
82, 5.562, 272.068

Deuteranomaly
82, 8.790, 304.961

Tritanomaly
82, 8.958, 255.321

Monochromacy



Original Color
82, 7.530, 238.517

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, 7.530, 238.517 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(190, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 216)  
}
```

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(190, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 7.530, 238.517 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(190, 207, 216) }
```

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

```
.border{ border-color:rgb(190, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 207, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 207, 216); box-shadow:4px 4px 4px 4px rgb(190, 207, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 7.530, 238.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 216) }
```

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

```
.background{ background-color: rgb(190,  
207, 216) }
```

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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