

Converting Colors

CIELCh(82, 8.541, 253.156)

Have a look what the booklet for
CIELCh(82, 8.541, 253.156) contains.

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Color

CIELCh(82, 8.541, 253.156)

Conversions

Conversions Part 1

Format	Color
Hex	BFCEDB
RGB	191, 206, 219
RGB Percent	75%, 81%, 86%
CMY	0.2512, 0.1923, 0.1414
CMYK	0.13, 0.06, 0.00, 0.14
HSL	208°, 28%, 80%
HSV	208°, 13%, 86%
XYZ	56.3102, 60.2982, 75.6520
YIQ	202.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

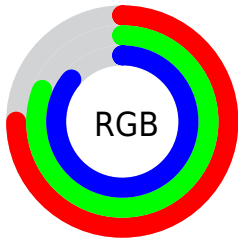
Format	Color
R _Y B	191, 201, 219
Decimal	12570331
CIE Lab	82.00, -2.47, -8.17
CIE LCh	82, 8.541, 253.156
Yxy	60.2982, 0.2929, 0.3136
Android (android.graphics.Color)	4290760411 (0xFFBFCEDB)
YUV	202.9970, 7.8895, -10.5214
Hunter-Lab	77.6519, -6.4496, -3.4067

Details

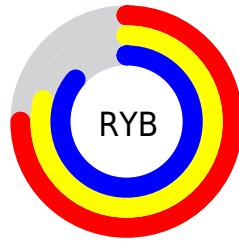
The CIELCh color $82, 8.541, 253.156$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 8.882, 69.900$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.770, 199.469$, and $62, 8.545, 251.309$ is the 20% darker color. If you saturate the color by 10%, you get $78, 15.080, 254.706$, and if you desaturate by 10%, it is $86, 1.881, 251.994$.

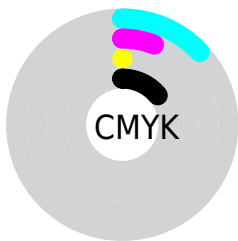
Distribution



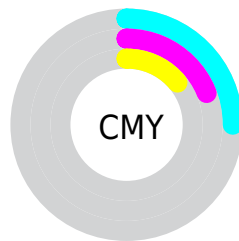
- Red (75%)
- Green (81%)
- Blue (86%)



- Red (75%)
- Yellow (79%)
- Blue (86%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.541, 253.156 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, 8.541, 253.156 by changing the saturation by 10% instead.

■ 82, 8.541, 253.156

■ 82, 8.541, 253.156

■ 100, 8.541,
253.156

■ 72, 8.541, 253.156

■ 62, 8.541, 253.156

■ 52, 8.541, 253.156

■ 42, 8.541, 253.156

■ 32, 8.541, 253.156

■ 22, 8.541, 253.156

■ 12, 8.541, 253.156

■ 2, 8.541, 253.156

■ 0, 8.541, 253.156

82, 8.541, 253.156

82, 8.541, 253.156

78, 15.080,
254.706

86, 1.881, 251.994

74, 21.465,
256.596

90, 4.864, 70.564

70, 27.665,
258.869

95, 11.280, 72.043

66, 33.661,
261.591

97, 14.398, 96.668

99, 18.229,
108.799

62, 39.460,
264.819

58, 45.104,
268.582

55, 50.681,
272.850

52, 56.312,
277.505

■ 49, 60.500,
280.891

Harmonies

Complementary

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



82, 8.541, 253.156



83, 8.882, 69.900

Rectangle

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



82, 8.541, 253.156



82, 8.541, 303.156



82, 8.541, 73.156



82, 8.541, 123.156

Sweetspot

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



82, 8.540, 253.144



98, 3.047, 252.077



85, 12.997, 160.038



52, 2.164, 252.148



0, 0.000, 0.000



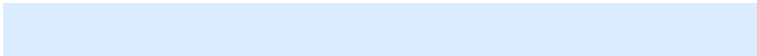
53, 0.007, 296.813

Same Dimension

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



82, 8.540, 253.144



93, 11.313, 253.482



78, 14.241, 289.515



44, 3.807, 252.691



39, 50.084, 280.083



8, 17.112, 269.863

Inverse Universe

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



80, 13.042, 342.788



90, 17.351, 342.999



86, 13.871, 106.815



43, 5.776, 342.490



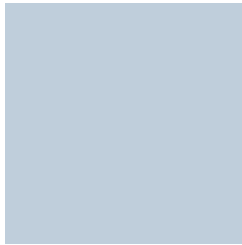
37, 63.995, 358.441



6, 25.465, 351.954

Previews

White Background



This preview shows how the CIELCh color 82, 8.541, 253.156 looks on a white background.

Color Contrast Check

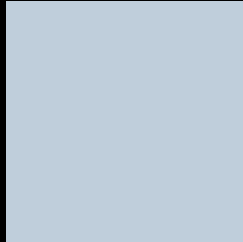
Large Text (above 18pt) WCAG AA × Fail

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, 8.541, 253.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

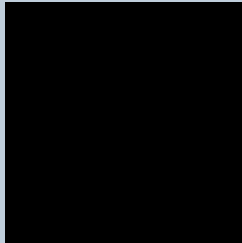
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

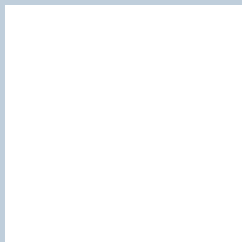
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.541, 253.156

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.541, 253.156.

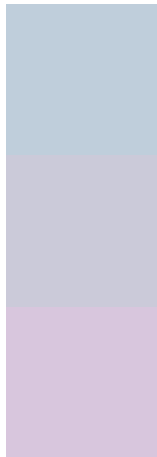


This preview shows how white text looks on a background with the CIELCh color 82, 8.541, 253.156.

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, 8.541, 253.156

Protanopia

82, 7.976, 293.425

Deuteranopia

82, 13.852, 318.727



Tritanopia
82, 10.123, 262.443

Trichromacy



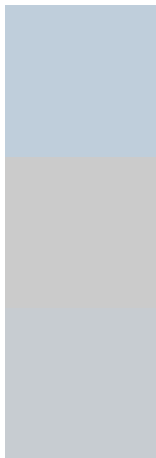
Original Color
82, 8.541, 253.156

Protanomaly
82, 8.056, 280.830

Deuteranomaly
82, 10.339, 302.886

Tritanomaly
82, 9.668, 260.847

Monochromacy



Original Color
82, 8.541, 253.156

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.178, 256.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.541, 253.156 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(191, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 206, 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(191, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 206, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.541, 253.156 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(191, 206, 219) }
```

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

```
.border{ border-color:rgb(191, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 206, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 206, 219); box-shadow:4px 4px 4px 4px rgb(191, 206, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.541, 253.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 206, 219) }
```

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

```
.background{ background-color: rgb(191,  
206, 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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