

Converting Colors

CIELCh(82, 13.792, 235.528)

Have a look what the booklet for
CIELCh(82, 13.792, 235.528)
contains.

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Color

CIELCh(82, 13.997, 236.256)

Conversions

Conversions Part 1

Format	Color
Hex	AFD1E1
RGB	175, 209, 225
RGB Percent	69%, 82%, 88%
CMY	0.3129, 0.1795, 0.1168
CMYK	0.22, 0.07, 0.00, 0.12
HSL	199°, 46%, 79%
HSV	199°, 22%, 88%
XYZ	54.2048, 60.2982, 80.1780
YIQ	200.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

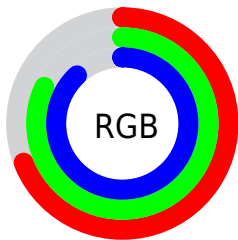
Format	Color
R _Y B	175, 195, 225
Decimal	11522529
CIE Lab	82.00, -7.78, -11.64
CIE LCh	82, 13.997, 236.256
Yxy	60.2982, 0.2784, 0.3097
Android (android.graphics.Color)	4289712609 (0xFFAFD1E1)
YUV	200.6580, 12.0006, -22.5021
Hunter-Lab	77.6519, -11.2891, -6.8624

Details

The CIELCh color $82, 13.997, 236.256$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $80, 15.844, 52.435$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 8.189, 198.968$, and $62, 13.942, 235.956$ is the 20% darker color. If you saturate the color by 10%, you get $79, 19.767, 237.646$, and if you desaturate by 10%, it is $85, 7.867, 235.161$.

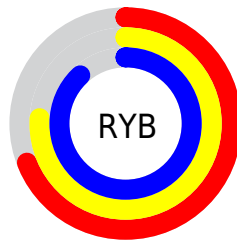
Distribution



Red (69%)

Green (82%)

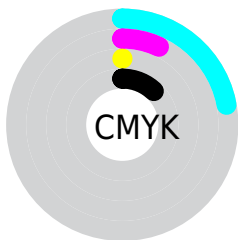
Blue (88%)



Red (69%)

Yellow (76%)

Blue (88%)

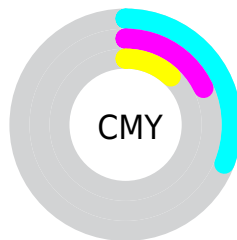


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (31%)


Magenta (18%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 13.997, 236.256 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, 13.997, 236.256 by changing the saturation by 10% instead.


 82, 13.997,
236.256


 82, 13.997,
236.256


 100, 13.997,
236.256


 72, 13.997,
236.256

 62, 13.997,
236.256

 52, 13.997,
236.256

 42, 13.997,
236.256

 32, 13.997,
236.256

 22, 13.997,
236.256

 12, 13.997,

236.256

■ 2, 13.997, 236.256

■ 0, 13.997, 236.256

■ 82, 13.997,
236.256

■ 82, 13.997,
236.256

■ 79, 19.767,
237.646

■ 85, 7.867, 235.161

■ 76, 25.106,
239.410

■ 89, 1.451, 234.576

■ 73, 29.947,
241.622

■ 92, 5.189, 53.390

■ 70, 34.248,
244.374

■ 95, 9.015, 66.225

■ 67, 38.004,

■ 97, 10.793, 90.125

■ 99, 13.831,
105.291

247.750

99, 15.063,
109.039

64, 41.276,
251.804

62, 44.199,
256.518

60, 46.406,
260.471

Harmonies

Complementary

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



82, 13.997, 236.256



80, 15.844, 52.435

Rectangle

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



82, 13.997, 236.256



82, 13.997, 286.256



82, 13.997, 56.256



82, 13.997, 106.256

Sweetspot

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



82, 13.997, 236.249



97, 5.043, 234.726



85, 25.547, 153.248



52, 3.273, 234.771



0, 0.000, 0.000



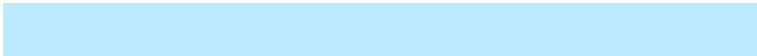
53, 0.007, 296.813

Same Dimension

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



82, 13.997, 236.249



90, 18.586, 236.904



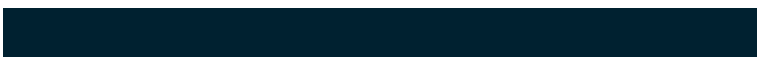
75, 22.164, 284.308



45, 3.670, 234.914



48, 38.240, 259.548



11, 14.520, 249.709

Inverse Universe

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



77, 25.743, 336.705



83, 34.649, 337.105



86, 21.558, 98.844



44, 6.515, 335.729



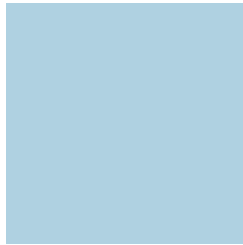
39, 69.068, 346.297



7, 29.016, 342.567

Previews

White Background



This preview shows how the CIELCh color 82, 13.997, 236.256 looks on a white background.

Color Contrast Check

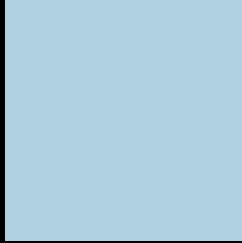
Large Text (above 18pt) WCAG AA × Fail

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, 13.997, 236.256 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, 13.997, 236.256

Background



This preview shows how black text looks on a background with the CIELCh color 82, 13.997, 236.256.



This preview shows how white text looks on a background with the CIELCh color 82, 13.997, 236.256.

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, 13.997, 236.256

Protanopia
82, 10.084, 291.065

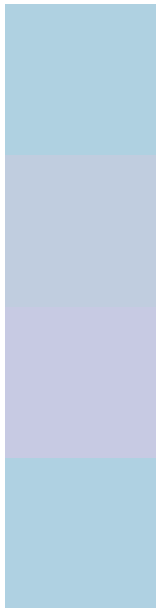
Deuteranopia
82, 16.740, 308.513



Tritanopia

82, 14.288, 238.084

Trichromacy



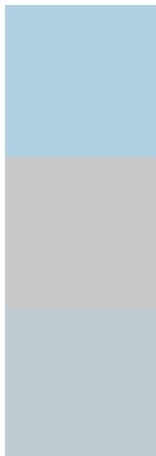
Original Color
82, 13.997, 236.256

Protanomaly
82, 10.445, 265.583

Deuteranomaly
82, 13.287, 286.875

Tritanomaly
82, 14.288, 238.084

Monochromacy



Original Color
82, 13.997, 236.256

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 5.265, 236.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 13.997, 236.256 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(175, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(175, 209, 225)  
}
```

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(175, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 209, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 13.997, 236.256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

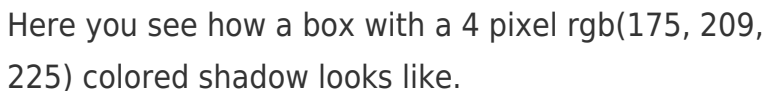
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 209, 225) }
```

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

```
.border{ border-color:rgb(175, 209, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 209, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 209, 225); box-shadow:4px 4px 4px 4px rgb(175, 209, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 13.997, 236.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 209, 225) }
```

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

```
.background{ background-color: rgb(175,  
209, 225) }
```

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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