

Converting Colors

CIELCh(82, 16.229, 265.874)

Have a look what the booklet for
CIELCh(82, 16.229, 265.874)
contains.

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Color

CIELCh(82, 16.215, 265.859)

Conversions

Conversions Part 1

Format	Color
Hex	B9CEEA
RGB	185, 206, 234
RGB Percent	73%, 81%, 92%
CMY	0.2751, 0.1927, 0.0830
CMYK	0.21, 0.12, 0.00, 0.08
HSL	214°, 54%, 82%
HSV	214°, 21%, 92%
XYZ	56.8363, 60.2982, 86.3690
YIQ	202.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

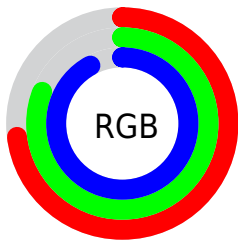
Format	Color
R _Y B	185, 200, 234
Decimal	12177130
CIE Lab	82.00, -1.17, -16.17
CIE LCh	82, 16.215, 265.859
Yxy	60.2982, 0.2793, 0.2963
Android (android.graphics.Color)	4290367210 (0xFFB9CEEA)
YUV	202.9130, 15.3259, -15.7097
Hunter-Lab	77.6519, -5.2400, -11.5895

Details

The CIELCh color $82, 16.215, 265.859$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $86, 16.738, 80.004$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.482, 199.269$, and $62, 16.050, 264.979$ is the 20% darker color. If you saturate the color by 10%, you get $77, 23.962, 267.747$, and if you desaturate by 10%, it is $87, 8.469, 264.262$.

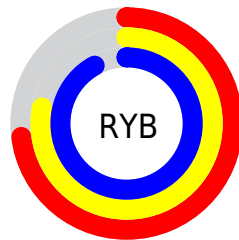
Distribution



Red (73%)

Green (81%)

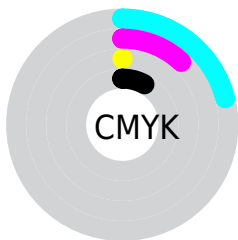
Blue (92%)



Red (73%)

Yellow (78%)

Blue (92%)

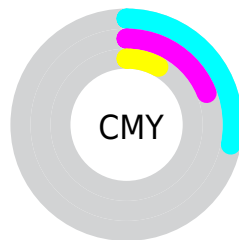


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (28%)


Magenta (19%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 16.215, 265.859 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, 16.215, 265.859 by changing the saturation by 10% instead.


 82, 16.215,
265.859


 82, 16.215,
265.859


 100, 16.215,
265.859


 72, 16.215,
265.859


 62, 16.215,
265.859

 52, 16.215,
265.859

 42, 16.215,
265.859

 32, 16.215,
265.859

 22, 16.215,
265.859

 12, 16.215,

265.859

■ 2, 16.215, 265.859

■ 0, 16.215, 265.859

■ 82, 16.215,
265.859

■ 82, 16.215,
265.859

■ 77, 23.962,
267.747

■ 87, 8.469, 264.262

■ 72, 31.706,
269.983

■ 92, 0.742, 263.320

■ 97, 6.951, 81.644

■ 67, 39.453,
272.615

■ 99, 10.707,
109.367

■ 62, 47.227,
275.680

■ 58, 55.081,

279.186

■ 53, 63.086,
283.081

■ 49, 71.301,
287.232

■ 46, 78.924,
290.961

Harmonies

Complementary

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



82, 16.215, 265.859



86, 16.738, 80.004

Rectangle

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



82, 16.215, 265.859



82, 16.215, 315.859



82, 16.215, 85.859



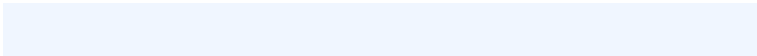
82, 16.215, 135.859

Sweetspot

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



82, 16.214, 265.854



97, 4.978, 263.593



89, 20.556, 165.482



51, 3.302, 263.677



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, 16.214, 265.854



86, 20.759, 266.604



77, 26.417, 294.921



46, 4.405, 264.051



35, 64.034, 290.243



8, 23.302, 282.773

Inverse Universe

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



80, 21.248, 349.669



84, 27.312, 350.139



91, 25.162, 110.981



46, 5.691, 348.481



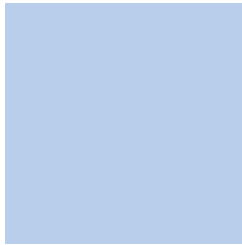
39, 65.337, 8.805



8, 28.086, 0.746

Previews

White Background



This preview shows how the CIELCh color 82, 16.215, 265.859 looks on a white background.

Color Contrast Check

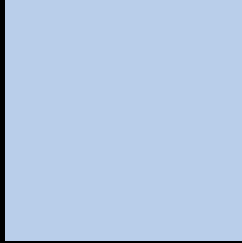
Large Text (above 18pt) WCAG AA × Fail

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, 16.215, 265.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

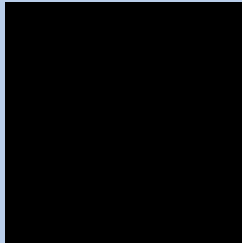
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

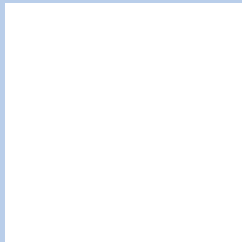
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 16.215, 265.859

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.215, 265.859.



This preview shows how white text looks on a background with the CIELCh color 82, 16.215, 265.859.

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, 11.985, 248.001

Trichromacy



Original Color
82, 16.215, 265.859

Protanomaly
82, 15.610, 280.249

Deuteranomaly
82, 18.045, 290.672

Tritanomaly
82, 13.380, 255.646

Monochromacy



Original Color
82, 16.215, 265.859

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.963, 262.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.215, 265.859 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(185, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 234)  
}
```

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(185, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.215, 265.859 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(185, 206, 234) }
```

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

```
.border{ border-color:rgb(185, 206, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.215, 265.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 234) }
```

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

```
.background{ background-color: rgb(185,  
206, 234) }
```

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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