

Converting Colors

CIELCh(83, 14.358, 221.971)

Have a look what the booklet for
CIELCh(83, 14.358, 221.971)
contains.

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Color

CIELCh(83, 14.171, 222.956)

Conversions

Conversions Part 1

Format	Color
Hex	AED5E0
RGB	174, 213, 224
RGB Percent	68%, 84%, 88%
CMY	0.3165, 0.1636, 0.1204
CMYK	0.22, 0.05, 0.00, 0.12
HSL	193°, 45%, 78%
HSV	193°, 22%, 88%
XYZ	54.8798, 62.1629, 79.8347
YIQ	202.5930, -26.7750, -4.8470

Conversions

Conversions Part 2

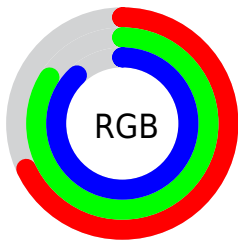
Format	Color
RYB	174, 196, 224
Decimal	11458016
CIELab	83.00, -10.37, -9.66
CIELCh	83, 14.171, 222.956
Yxy	62.1629, 0.2788, 0.3157
Android (android.graphics.Color)	4289648096 (0xFFAED5E0)
YUV	202.5930, 10.5537, -25.0761
Hunter-Lab	78.8435, -13.7294, -4.8450

Details

The CIELCh color $83, 14.171, 222.956$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $78, 16.409, 41.280$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 8.521, 198.944$, and $63, 14.036, 224.599$ is the 20% darker color. If you saturate the color by 10%, you get $80, 19.831, 223.754$, and if you desaturate by 10%, it is $86, 8.043, 222.385$.

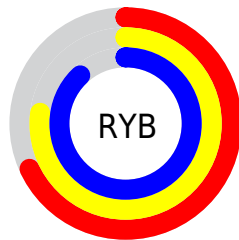
Distribution



Red (68%)

Green (84%)

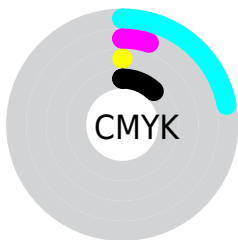
Blue (88%)



Red (68%)

Yellow (77%)

Blue (88%)

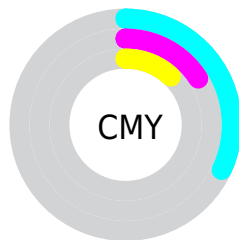


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (32%)


Magenta (16%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 14.171, 222.956 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 83, 14.171, 222.956 by changing the saturation by 10% instead.


 83, 14.171,
222.956


 83, 14.171,
222.956


 100, 14.171,
222.956


 73, 14.171,
222.956

 63, 14.171,
222.956

 53, 14.171,
222.956

 43, 14.171,
222.956

 33, 14.171,
222.956

 23, 14.171,
222.956

 13, 14.171,

222.956

■ 3, 14.171, 222.956

■ 0, 14.171, 222.956

■ 83, 14.171,
222.956

■ 83, 14.171,
222.956

■ 80, 19.831,
223.754

■ 86, 8.043, 222.385

■ 78, 24.924,
224.845

■ 89, 1.540, 222.270

■ 92, 5.255, 41.490

■ 76, 29.354,
226.290

■ 94, 9.207, 48.869

■ 73, 33.045,
228.170

■ 95, 9.363, 67.824

■ 96, 10.460, 84.367

■ 71, 35.957,

230.576

98, 12.240, 96.875

69, 38.107,
233.593

99, 14.444,
105.832

68, 39.593,
237.280

99, 15.534,
109.003

67, 40.461,
240.488

Harmonies

Complementary

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



83, 14.171, 222.956



78, 16.409, 41.280

Rectangle

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



83, 14.171, 222.956



83, 14.171, 272.956



83, 14.171, 42.956



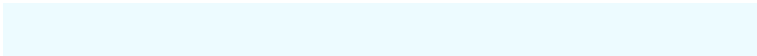
83, 14.171, 92.956

Sweetspot

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



83, 14.171, 222.949



98, 5.148, 222.197



85, 27.555, 149.506



52, 3.340, 222.213



0, 0.000, 0.000



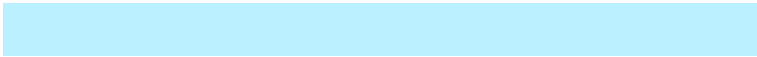
53, 0.007, 296.813

Same Dimension

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



83, 14.171, 222.949



92, 18.739, 223.311



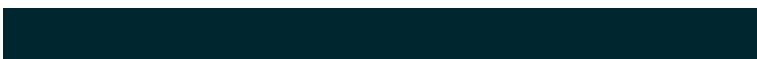
76, 19.716, 278.074



46, 3.743, 222.270



53, 33.658, 239.726



13, 13.577, 231.965

Inverse Universe

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



77, 27.623, 332.675



83, 37.124, 333.015



85, 19.566, 92.151



44, 6.997, 331.805



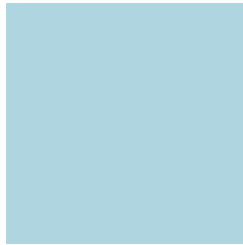
40, 73.870, 339.347



7, 30.960, 337.163

Previews

White Background



This preview shows how the CIELCh color 83, 14.171, 222.956 looks on a white background.

Color Contrast Check

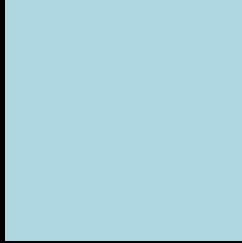
Large Text (above 18pt) WCAG AA × Fail

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 83, 14.171, 222.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

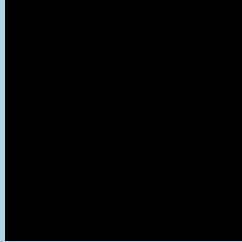
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

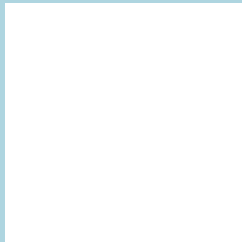
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 14.171, 222.956

Background



This preview shows how black text looks on a background with the CIELCh color 83, 14.171, 222.956.

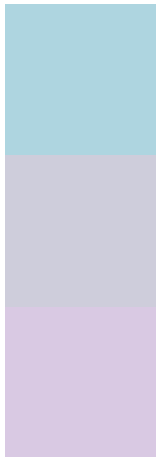


This preview shows how white text looks on a background with the CIELCh color 83, 14.171, 222.956.

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
83, 14.171, 222.956

Protanopia
83, 7.426, 293.559

Deuteranopia
83, 14.946, 313.465



Tritanopia
83, 15.004, 235.732

Trichromacy



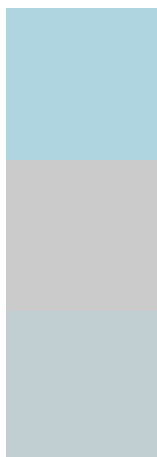
Original Color
83, 14.171, 222.956

Protanomaly
83, 8.331, 255.039

Deuteranomaly
83, 11.176, 284.020

Tritanomaly
83, 14.476, 232.102

Monochromacy



Original Color
83, 14.171, 222.956

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.356, 222.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 14.171, 222.956 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(174, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(174, 213, 224)  
}
```

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(174, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 213, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 14.171, 222.956 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(174, 213, 224) }
```

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

```
.border{ border-color:rgb(174, 213, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 213, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(174, 213,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 14.171, 222.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 213, 224) }
```

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

```
.background{ background-color: rgb(174,  
213, 224) }
```

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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