

Converting Colors

CIELCh(81, 14.133, 242.849)

Have a look what the booklet for
CIELCh(81, 14.133, 242.849)
contains.

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Color

CIELCh(81, 14.148, 241.586)

Conversions

Conversions Part 1

Format	Color
Hex	AECEEO
RGB	174, 206, 224
RGB Percent	68%, 81%, 88%
CMY	0.3179, 0.1925, 0.1219
CMYK	0.22, 0.08, 0.00, 0.12
HSL	202°, 45%, 78%
HSV	202°, 22%, 88%
XYZ	52.9335, 58.4711, 78.9597
YIQ	198.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

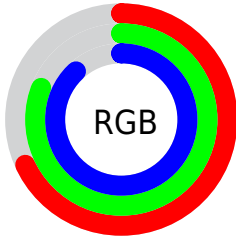
Format	Color
RYB	174, 194, 224
Decimal	11456224
CIELab	81.00, -6.73, -12.44
CIELCh	81, 14.148, 241.586
Yxy	58.4711, 0.2781, 0.3072
Android (android.graphics.Color)	4289646304 (0xFFAECEE0)
YUV	198.4840, 12.5794, -21.4725
Hunter-Lab	76.4664, -10.2505, -7.6968

Details

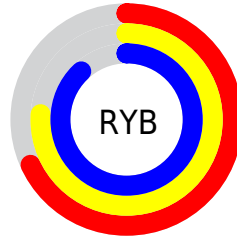
The CIELCh color $81, 14.148, 241.586$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $80, 15.824, 57.020$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 8.521, 198.944$, and $61, 14.111, 241.640$ is the 20% darker color. If you saturate the color by 10%, you get $77, 20.028, 243.165$, and if you desaturate by 10%, it is $85, 7.962, 240.317$.

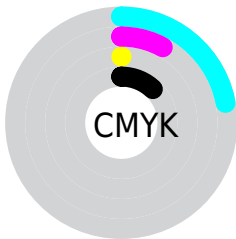
Distribution



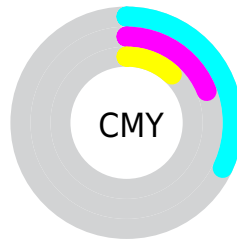
- Red (68%)
- Green (81%)
- Blue (88%)



- Red (68%)
- Yellow (76%)
- Blue (88%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)





- Cyan (32%)
- Magenta (19%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 14.148, 241.586 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 81, 14.148, 241.586 by changing the saturation by 10% instead.


 81, 14.148,
241.586


 81, 14.148,
241.586


 100, 14.148,
241.586


 71, 14.148,
241.586


 61, 14.148,
241.586

 51, 14.148,
241.586

 41, 14.148,
241.586

 31, 14.148,
241.586

 21, 14.148,
241.586

 11, 14.148,

241.586

■ 1, 14.148, 241.586

■ 0, 14.148, 241.586

■ 81, 14.148,
241.586

■ 81, 14.148,
241.586

■ 77, 20.028,
243.165

■ 85, 7.962, 240.317

■ 74, 25.541,
245.134

■ 88, 1.532, 239.540

■ 92, 5.087, 58.252

■ 71, 30.636,
247.566

■ 95, 9.538, 69.296

■ 68, 35.285,
250.546

■ 97, 11.787, 93.476

■ 99, 15.369,
108.037

■ 65, 39.500,

254.144

99, 15.722,
108.989

62, 43.353,
258.389

59, 46.986,
263.225

57, 49.778,
267.135

Harmonies

Complementary

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



81, 14.148, 241.586



80, 15.824, 57.020

Rectangle

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



81, 14.148, 241.586



81, 14.148, 291.586



81, 14.148, 61.586



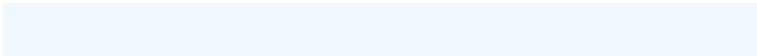
81, 14.148, 111.586

Sweetspot

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



81, 14.147, 241.580



97, 5.069, 239.785



85, 24.930, 154.606



52, 3.290, 239.839



0, 0.000, 0.000



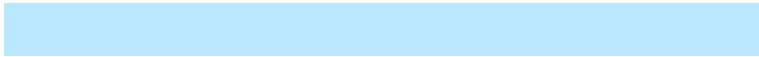
53, 0.007, 296.813

Same Dimension

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



81, 14.147, 241.580



89, 18.811, 242.308



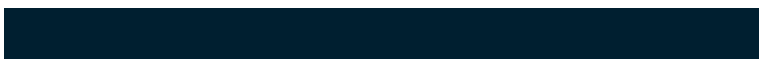
75, 23.061, 286.117



45, 3.692, 240.012



45, 41.115, 266.233



11, 15.236, 256.177

Inverse Universe

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



76, 25.066, 338.503



83, 33.720, 338.918



86, 22.305, 100.769



44, 6.332, 337.465



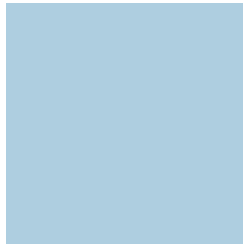
39, 67.512, 349.435



7, 28.325, 344.998

Previews

White Background



This preview shows how the CIE LCh color 81, 14.148, 241.586 looks on a white background.

Color Contrast Check

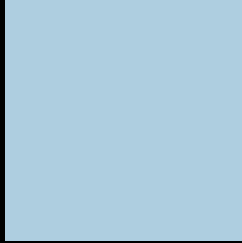
Large Text (above 18pt) WCAG AA × Fail

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 81, 14.148, 241.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

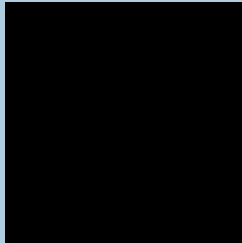
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

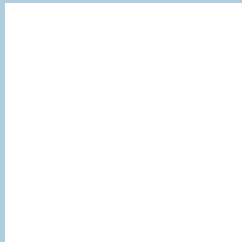
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 14.148, 241.586

Background



This preview shows how black text looks on a background with the CIELCh color 81, 14.148, 241.586.



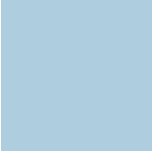
This preview shows how white text looks on a background with the CIELCh color 81, 14.148, 241.586.

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](#).

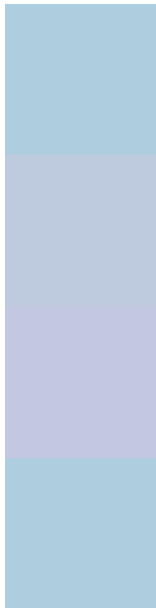
Dichromacy





Tritanopia
81, 13.829, 239.812

Trichromacy



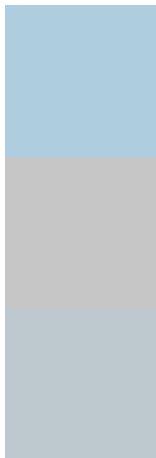
Original Color
81, 14.148, 241.586

Protanomaly
81, 10.823, 268.553

Deuteranomaly
81, 13.854, 287.121

Tritanomaly
81, 13.829, 239.812

Monochromacy



Original Color
81, 14.148, 241.586

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.278, 236.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 14.148, 241.586 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, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(174, 206, 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, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 206, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 14.148, 241.586 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, 206, 224) }
```

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

```
.border{ border-color:rgb(174, 206, 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, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(174, 206,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 14.148, 241.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 206, 224) }
```

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

```
.background{ background-color: rgb(174,  
206, 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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