

Converting Colors

CIELCh(80, 15.286, 243.212)

Have a look what the booklet for
CIELCh(80, 15.286, 243.212)
contains.

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Color

CIELCh(80, 15.295, 243.227)

Conversions

Conversions Part 1

Format	Color
Hex	A9CBDF
RGB	169, 203, 223
RGB Percent	66%, 80%, 87%
CMY	0.3360, 0.2026, 0.1242
CMYK	0.24, 0.09, 0.00, 0.12
HSL	202°, 46%, 77%
HSV	202°, 24%, 88%
XYZ	51.2274, 56.6813, 78.2861
YIQ	195.1140, -26.6840, -0.9880

Conversions

Conversions Part 2

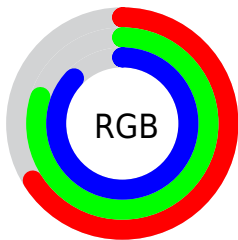
Format	Color
RYB	169, 190, 223
Decimal	11127775
CIELab	80.00, -6.89, -13.66
CIELCh	80, 15.295, 243.227
Yxy	56.6813, 0.2751, 0.3044
Android (android.graphics.Color)	4289317855 (0xFFA9CBDF)
YUV	195.1140, 13.7478, -22.9020
Hunter-Lab	75.2870, -10.2958, -8.9510

Details

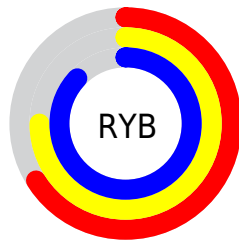
The CIELCh color `80, 15.295, 243.227` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `79, 17.219, 58.059`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 10.172, 198.828`, and `60, 15.288, 243.557` is the 20% darker color. If you saturate the color by 10%, you get `76, 21.148, 244.914`, and if you desaturate by 10%, it is `84, 9.139, 241.862`.

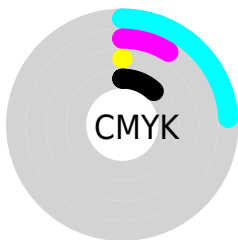
Distribution



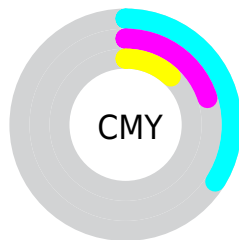
- Red (66%)
- Green (80%)
- Blue (87%)



- Red (66%)
- Yellow (75%)
- Blue (87%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)





- Cyan (34%)
- Magenta (20%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 15.295, 243.227 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 80, 15.295, 243.227 by changing the saturation by 10% instead.


 80, 15.295,
243.227


 80, 15.295,
243.227


 100, 15.295,
243.227


 70, 15.295,
243.227


 60, 15.295,
243.227

 50, 15.295,
243.227

 40, 15.295,
243.227

 30, 15.295,
243.227

 20, 15.295,
243.227

 10, 15.295,

243.227

0, 15.295, 243.227

80, 15.295,
243.227

80, 15.295,
243.227

76, 21.148,
244.914

84, 9.139, 241.862

73, 26.643,
247.007

87, 2.741, 240.866

91, 3.845, 59.632

70, 31.735,
249.580

95, 9.552, 64.100

66, 36.405,
252.713

97, 11.507, 90.147

99, 15.023,
106.182

63, 40.679,
256.467

99, 16.020,

■ 61, 44.644,
260.853

108.967

■ 58, 48.453,
265.787

■ 56, 50.705,
268.735

Harmonies

Complementary

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



80, 15.295, 243.227



79, 17.219, 58.059

Rectangle

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



80, 15.295, 243.227



80, 15.295, 293.227



80, 15.295, 63.227



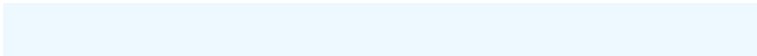
80, 15.295, 113.227

Sweetspot

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



80, 15.294, 243.221



97, 5.082, 241.092



85, 26.594, 155.140



51, 3.299, 241.149



0, 0.000, 0.000



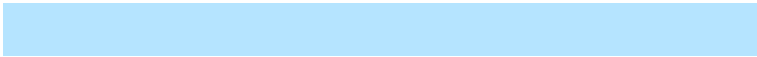
53, 0.007, 296.813

Same Dimension

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



80, 15.294, 243.221



88, 20.207, 244.028



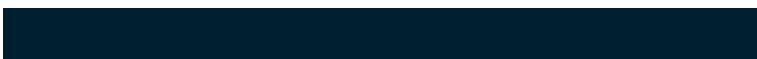
73, 25.486, 287.246



45, 3.702, 241.328



45, 41.947, 267.846



10, 15.451, 257.781

Inverse Universe

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



75, 26.916, 339.145



82, 35.968, 339.588



86, 24.507, 101.482



44, 6.285, 337.935



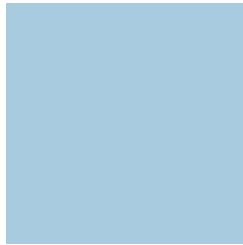
38, 67.147, 350.285



7, 28.155, 345.657

Previews

White Background



This preview shows how the CIE LCh color 80, 15.295, 243.227 looks on a white background.

Color Contrast Check

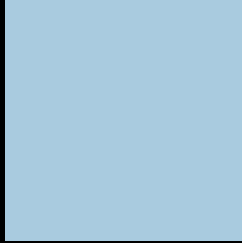
Large Text (above 18pt) WCAG AA × Fail

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 80, 15.295, 243.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

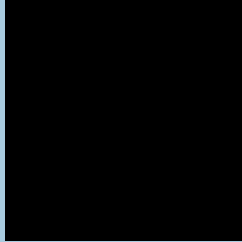
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 15.295, 243.227

Background



This preview shows how black text looks on a background with the CIELCh color 80, 15.295, 243.227.



This preview shows how white text looks on a background with the CIELCh color 80, 15.295, 243.227.

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
80, 15.295, 243.227

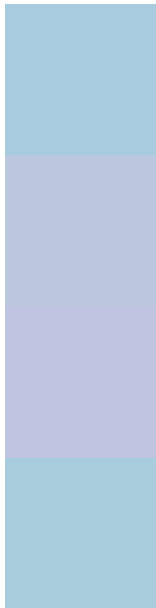
Protanopia
80, 11.738, 287.821

Deuteranopia
80, 17.573, 304.243



Tritanopia
80, 14.292, 235.529

Trichromacy



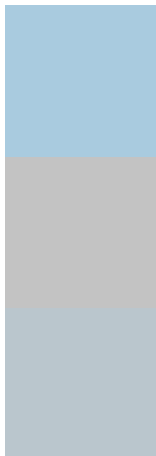
Original Color
80, 15.295, 243.227

Protanomaly
80, 12.439, 270.196

Deuteranomaly
80, 14.500, 283.301

Tritanomaly
80, 14.577, 237.348

Monochromacy



Original Color
80, 15.295, 243.227

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.614, 241.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 15.295, 243.227 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(169, 203, 223)` looks like.

```
.text, #text, p{  
    color:rgb(169, 203, 223)  
}
```

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(169, 203, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 203, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 15.295, 243.227 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(169, 203, 223) }
```

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

```
.border{ border-color:rgb(169, 203, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 203, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 203, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 203, 223); box-shadow:4px 4px 4px 4px rgb(169, 203, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 15.295, 243.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 203, 223) }
```

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

```
.background{ background-color: rgb(169,  
203, 223) }
```

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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