

Converting Colors

CIELCh(80, 29.998, 136.488)

Have a look what the booklet for
CIELCh(80, 29.998, 136.488)
contains.

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Color

CIELCh(80, 30.145, 136.439)

Conversions

Conversions Part 1

Format	Color
Hex	ABD19F
RGB	171, 209, 159
RGB Percent	67%, 82%, 62%
CMY	0.3299, 0.1809, 0.3769
CMYK	0.18, 0.00, 0.24, 0.18
HSL	106°, 35%, 72%
HSV	106°, 24%, 82%
XYZ	45.7843, 56.6813, 41.2731
YIQ	191.9380, -6.5980, -23.6060

Conversions

Conversions Part 2

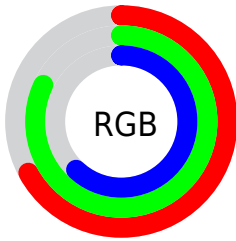
Format	Color
RYB	159, 209, 197
Decimal	11260319
CIELab	80.00, -21.84, 20.77
CIELCh	80, 30.145, 136.439
Yxy	56.6813, 0.3185, 0.3943
Android (android.graphics.Color)	4289450399 (0xFFABD19F)
YUV	191.9380, -16.2384, -18.3626
Hunter-Lab	75.2870, -23.2010, 20.1975

Details

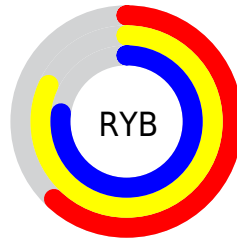
The CIELCh color $80, 30.145, 136.439$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 30.564, 318.636$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 23.242, 134.481$, and $60, 30.028, 136.271$ is the 20% darker color. If you saturate the color by 10%, you get $79, 42.669, 135.855$, and if you desaturate by 10%, it is $81, 17.515, 136.975$.

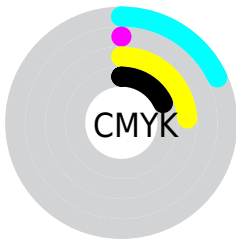
Distribution



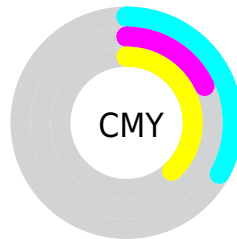
- Red (67%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 30.145, 136.439 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, 30.145, 136.439 by changing the saturation by 10% instead.


 80, 30.145,
136.439


 80, 30.145,
136.439


 100, 30.145,
136.439


 70, 30.145,
136.439

 60, 30.145,
136.439

 50, 30.145,
136.439

 40, 30.145,
136.439

 30, 30.145,
136.439

 20, 30.145,
136.439

 10, 30.145,

136.439

■ 0, 30.145, 136.439

■ 80, 30.145,
136.439

■ 80, 30.145,
136.439

■ 79, 42.669,
135.855

■ 81, 17.515,
136.975

■ 77, 54.883,
135.235

■ 83, 4.916, 137.475

■ 76, 66.515,
134.617

■ 85, 7.546, 317.819

■ 76, 77.198,
134.066

■ 87, 19.800,
318.193

■ 75, 86.453,
133.684

■ 89, 28.067,
322.509

■ 89, 28.915,
325.431

■ 74, 93.736,
133.599

■ 74, 98.614,
133.917

■ 74, 100.604,
134.218

Harmonies

Complementary

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



80, 30.145, 136.439



70, 30.564, 318.636

Rectangle

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



80, 30.145, 136.439



80, 30.145, 186.439



80, 30.145, 316.439



80, 30.145, 6.439

Sweetspot

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



80, 30.147, 136.440



99, 10.307, 137.315



79, 20.488, 94.340



52, 6.700, 137.285



0, 0.000, 0.000



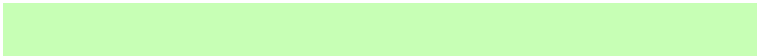
53, 0.007, 296.813

Same Dimension

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



80, 30.147, 136.440



95, 42.927, 136.130



80, 27.238, 150.556



43, 7.122, 137.201



60, 85.485, 134.054



13, 28.404, 137.064

Inverse Universe

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



70, 30.564, 318.636



81, 43.647, 318.872



71, 27.414, 333.936



41, 7.169, 317.988



33, 86.785, 319.384



4, 28.932, 318.497

Previews

White Background



This preview shows how the CIELCh color 80, 30.145, 136.439 looks on a white background.

Color Contrast Check

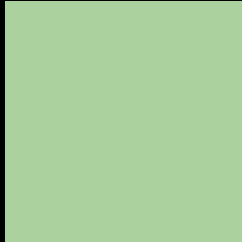
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 30.145, 136.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

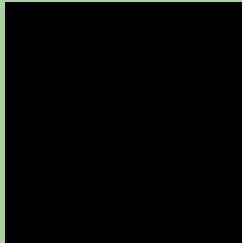
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 30.145, 136.439

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.145, 136.439.



This preview shows how white text looks on a background with the CIELCh color 80, 30.145, 136.439.

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, 30.145, 136.439

Protanopia
80, 23.842, 95.444

Deuteranopia
80, 21.360, 61.988



Tritanopia
80, 11.016, 249.997

Trichromacy



Original Color
80, 30.145, 136.439

Protanomaly
80, 24.362, 113.542

Deuteranomaly
80, 19.049, 95.309

Tritanomaly
80, 10.650, 175.032

Monochromacy



Original Color
80, 30.145, 136.439

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.972, 137.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.145, 136.439 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(171, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 159)  
}
```

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(171, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.145, 136.439 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(171, 209, 159) }
```

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

```
.border{ border-color:rgb(171, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(171, 209,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.145, 136.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 159) }
```

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

```
.background{ background-color: rgb(171,  
209, 159) }
```

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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