

Converting Colors

CIELCh(80, 28.486, 150.274)

Have a look what the booklet for
CIELCh(80, 28.486, 150.274)
contains.

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Color

CIELCh(80, 28.919, 150.278)

Conversions

Conversions Part 1

Format	Color
Hex	9ED3AB
RGB	158, 211, 171
RGB Percent	62%, 83%, 67%
CMY	0.3811, 0.1733, 0.3301
CMYK	0.25, 0.00, 0.19, 0.17
HSL	135°, 37%, 72%
HSV	135°, 25%, 83%
XYZ	44.6478, 56.6813, 47.0271
YIQ	190.5930, -18.7480, -23.6760

Conversions

Conversions Part 2

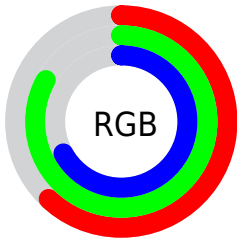
Format	Color
RYB	158, 201, 211
Decimal	10408875
CIELab	80.00, -25.11, 14.34
CIELCh	80, 28.919, 150.278
Yxy	56.6813, 0.3010, 0.3821
Android (android.graphics.Color)	4288598955 (0xFF9ED3AB)
YUV	190.5930, -9.6593, -28.5841
Hunter-Lab	75.2870, -25.8954, 15.6661

Details

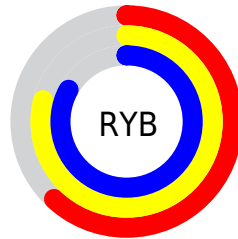
The CIELCh color **80, 28.919, 150.278** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 29.105, 333.839**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.061, 153.455**, and **60, 28.739, 150.691** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.292, 149.305**, and if you desaturate by 10%, it is **82, 17.392, 151.123**.

Distribution



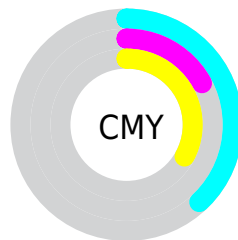
- Red (62%)
- Green (83%)
- Blue (67%)



- Red (62%)
- Yellow (79%)
- Blue (83%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)





- Cyan (38%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 28.919, 150.278 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, 28.919, 150.278 by changing the saturation by 10% instead.


 80, 28.919,
150.278


 80, 28.919,
150.278


 100, 28.919,
150.278


 70, 28.919,
150.278

 60, 28.919,
150.278

 50, 28.919,
150.278

 40, 28.919,
150.278

 30, 28.919,
150.278

 20, 28.919,
150.278

 10, 28.919,

150.278

0, 28.919, 150.278

80, 28.919,
150.278

80, 28.919,
150.278

79, 40.292,
149.305

82, 17.392,
151.123

77, 51.306,
148.183

83, 5.868, 151.886

76, 61.738,
146.894

85, 5.525, 332.399

75, 71.348,
145.431

88, 16.695,
332.992

75, 79.908,
143.805

89, 25.783,
328.420

89, 27.692,
325.389

■ 74, 87.221,
142.053

■ 74, 93.143,
140.257

■ 74, 95.564,
139.452

Harmonies

Complementary

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



80, 28.919, 150.278



71, 29.105, 333.839

Rectangle

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



80, 28.919, 150.278



80, 28.919, 200.278



80, 28.919, 330.278



80, 28.919, 20.278

Sweetspot

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



80, 28.921, 150.278



98, 10.687, 151.662



82, 28.123, 117.649



52, 7.603, 151.548



0, 0.000, 0.000



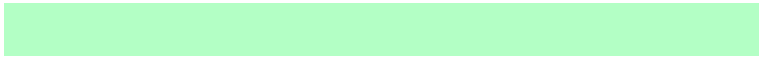
53, 0.007, 296.813

Same Dimension

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



80, 28.921, 150.278



94, 40.233, 149.790



81, 20.082, 175.910



43, 6.458, 151.563



60, 80.245, 139.751



13, 26.906, 146.451

Inverse Universe

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



71, 29.105, 333.839



81, 40.506, 334.216



70, 21.817, 0.995



41, 6.483, 332.741



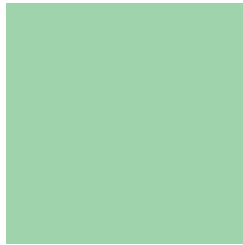
38, 70.237, 340.934



5, 25.740, 337.918

Previews

White Background



This preview shows how the CIELCh color 80, 28.919, 150.278 looks on a white background.

Color Contrast Check

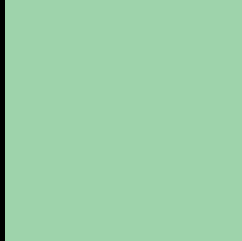
Large Text (above 18pt) WCAG AA × Fail

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, 28.919, 150.278 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, 28.919, 150.278

Background



This preview shows how black text looks on a background with the CIELCh color 80, 28.919, 150.278.



This preview shows how white text looks on a background with the CIELCh color 80, 28.919, 150.278.

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](#).

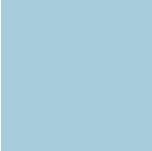
Dichromacy



Original Color
80, 28.919, 150.278

Protanopia
80, 18.119, 93.469

Deuteranopia
80, 15.904, 50.155



Tritanopia
80, 14.801, 234.043

Trichromacy



Original Color
80, 28.919, 150.278

Protanomaly
80, 19.613, 122.079

Deuteranomaly
80, 13.304, 103.988

Tritanomaly
80, 14.799, 190.017

Monochromacy



Original Color
80, 28.919, 150.278

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 10.965, 151.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 28.919, 150.278 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(158, 211, 171)` looks like.

```
.text, #text, p{  
    color:rgb(158, 211, 171)  
}
```

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(158, 211, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 211, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 28.919, 150.278 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(158, 211, 171) }
```

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

```
.border{ border-color:rgb(158, 211, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 211, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 211, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 211, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 211,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 28.919, 150.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 211, 171) }
```

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

```
.background{ background-color: rgb(158,  
211, 171) }
```

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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