

Converting Colors

CIELCh(80, 26.556, 158.681)

Have a look what the booklet for
CIELCh(80, 26.556, 158.681)
contains.

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Color

CIELCh(80, 26.440, 158.972)

Conversions

Conversions Part 1

Format	Color
Hex	9AD3B4
RGB	154, 211, 180
RGB Percent	60%, 83%, 71%
CMY	0.3965, 0.1730, 0.2945
CMYK	0.27, 0.00, 0.15, 0.17
HSL	147°, 39%, 72%
HSV	147°, 27%, 83%
XYZ	44.7980, 56.6813, 51.7004
YIQ	190.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

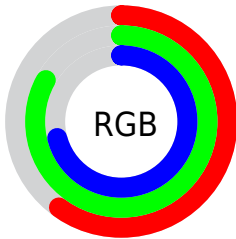
Format	Color
RYB	154, 193, 211
Decimal	10146740
CIELab	80.00, -24.68, 9.49
CIELCh	80, 26.440, 158.972
Yxy	56.6813, 0.2925, 0.3700
Android (android.graphics.Color)	4288336820 (0xFF9AD3B4)
YUV	190.4230, -5.1385, -31.9430
Hunter-Lab	75.2870, -25.5394, 11.9858

Details

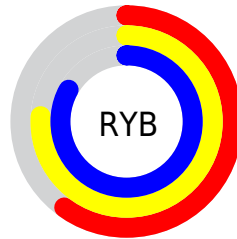
The CIELCh color $80, 26.440, 158.972$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 27.156, 343.704$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 18.740, 166.966$, and $60, 26.482, 158.971$ is the 20% darker color. If you saturate the color by 10%, you get $79, 35.938, 157.863$, and if you desaturate by 10%, it is $82, 16.710, 159.957$.

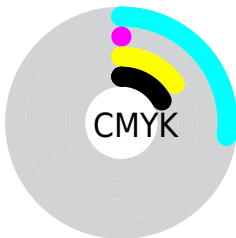
Distribution



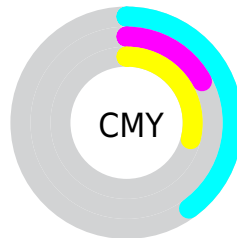
- Red (60%)
- Green (83%)
- Blue (71%)



- Red (60%)
- Yellow (76%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)





- Cyan (40%)
- Magenta (17%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 26.440, 158.972 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, 26.440, 158.972 by changing the saturation by 10% instead.


 80, 26.440,
158.972


 80, 26.440,
158.972


 100, 26.440,
158.972


 70, 26.440,
158.972

 60, 26.440,
158.972

 50, 26.440,
158.972

 40, 26.440,
158.972

 30, 26.440,
158.972

 20, 26.440,
158.972

 10, 26.440,

158.972

■ 0, 26.440, 158.972

■ 80, 26.440,
158.972

■ 80, 26.440,
158.972

■ 79, 35.938,
157.863

■ 82, 16.710,
159.957

■ 78, 45.039,
156.607

■ 83, 6.887, 160.862

■ 77, 53.573,
155.178

■ 85, 2.911, 341.446

■ 76, 61.382,
153.553

■ 87, 12.594,
342.261

■ 75, 68.341,
151.719

■ 89, 20.900,
340.106

■ 89, 25.071,
329.640

■ 75, 74.388,
149.678

■ 89, 27.648,
325.387

■ 74, 79.553,
147.471

■ 74, 80.991,
146.831

Harmonies

Complementary

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



80, 26.440, 158.972



70, 27.156, 343.704

Rectangle

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



80, 26.440, 158.972



80, 26.440, 208.972



80, 26.440, 338.972



80, 26.440, 28.972

Sweetspot

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



80, 26.442, 158.971



98, 9.150, 160.766



81, 31.481, 126.007



52, 6.506, 160.631



0, 0.000, 0.000



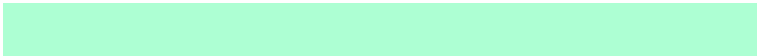
53, 0.007, 296.813

Same Dimension

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



80, 26.442, 158.971



94, 36.392, 158.398



81, 19.321, 193.502



43, 5.526, 160.649



60, 67.909, 147.218



13, 23.245, 152.750

Inverse Universe

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



70, 27.156, 343.704



80, 37.546, 344.256



69, 22.791, 17.707



41, 5.585, 342.071



36, 62.762, 357.613



5, 22.295, 351.070

Previews

White Background



This preview shows how the CIELCh color 80, 26.440, 158.972 looks on a white background.

Color Contrast Check

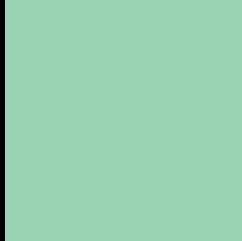
Large Text (above 18pt) WCAG AA × Fail

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, 26.440, 158.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

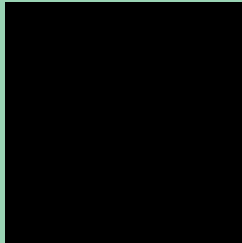
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 26.440, 158.972

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.440, 158.972.



This preview shows how white text looks on a background with the CIELCh color 80, 26.440, 158.972.

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, 26.440, 158.972

Protanopia
80, 13.302, 92.104

Deuteranopia
80, 12.479, 37.487



Tritanopia
80, 16.343, 230.175

Trichromacy



Original Color
80, 26.440, 158.972

Protanomaly
80, 14.802, 129.850

Deuteranomaly
79, 7.977, 112.152

Tritanomaly
80, 16.417, 196.361

Monochromacy



Original Color
80, 26.440, 158.972

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 10.088, 159.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.440, 158.972 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(154, 211, 180)` looks like.

```
.text, #text, p{  
    color:rgb(154, 211, 180)  
}
```

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(154, 211, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 211, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.440, 158.972 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(154, 211, 180) }
```

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

```
.border{ border-color:rgb(154, 211, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 211, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 211, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 211, 180);  
box-shadow:4px 4px 4px 4px rgb(154, 211,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.440, 158.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 211, 180) }
```

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

```
.background{ background-color: rgb(154,  
211, 180) }
```

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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