

Converting Colors

CIELCh(81, 30.812, 160.258)

Have a look what the booklet for
CIELCh(81, 30.812, 160.258)
contains.

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Color

CIELCh(81, 30.850, 160.270)

Conversions

Conversions Part 1

Format	Color
Hex	93D8B5
RGB	147, 216, 181
RGB Percent	58%, 85%, 71%
CMY	0.4246, 0.1540, 0.2912
CMYK	0.32, 0.00, 0.16, 0.15
HSL	150°, 47%, 71%
HSV	150°, 32%, 85%
XYZ	44.7810, 58.4711, 52.4966
YIQ	191.3790, -29.8890, -25.5130

Conversions

Conversions Part 2

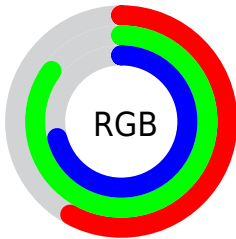
Format	Color
RYB	147, 193, 216
Decimal	9689269
CIELab	81.00, -29.04, 10.41
CIELCh	81, 30.850, 160.270
Yxy	58.4711, 0.2875, 0.3754
Android (android.graphics.Color)	4287879349 (0xFF93D8B5)
YUV	191.3790, -5.1168, -38.9204
Hunter-Lab	76.4664, -29.2814, 12.8221

Details

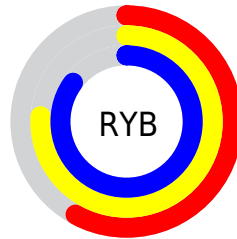
The CIELCh color **81, 30.850, 160.270** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 32.039, 346.258**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.170, 170.903**, and **61, 30.944, 159.984** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.025, 159.073**, and if you desaturate by 10%, it is **82, 21.344, 161.332**.

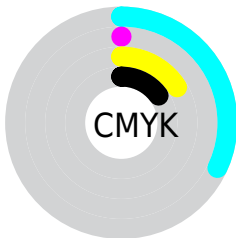
Distribution



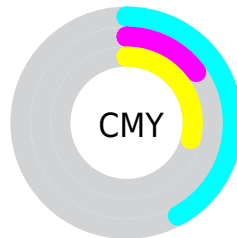
- Red (58%)
- Green (85%)
- Blue (71%)



- Red (58%)
- Yellow (76%)
- Blue (85%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)





- Cyan (42%)
- Magenta (15%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 30.850, 160.270 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, 30.850, 160.270 by changing the saturation by 10% instead.


 81, 30.850,
160.270


 81, 30.850,
160.270


 100, 30.850,
160.270


 71, 30.850,
160.270

 61, 30.850,
160.270

 51, 30.850,
160.270

 41, 30.850,
160.270

 31, 30.850,
160.270

 21, 30.850,
160.270

 11, 30.850,

160.270

■ 1, 30.850, 160.270

■ 0, 30.850, 160.270

■ 81, 30.850,
160.270

■ 81, 30.850,
160.270

■ 80, 40.025,
159.073

■ 82, 21.344,
161.332

■ 79, 48.699,
157.719

■ 84, 11.657,
162.293

■ 78, 56.711,
156.182

■ 86, 1.919, 163.328

■ 77, 63.922,
154.441

■ 88, 7.764, 343.821

■ 90, 17.312,
344.557

■ 77, 70.244,

152.487

90, 21.136,
332.196

76, 75.665,
150.330

91, 24.604,
325.281

76, 79.486,
148.531

Harmonies

Complementary

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



81, 30.850, 160.270



69, 32.039, 346.258

Rectangle

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



81, 30.850, 160.270



81, 30.850, 210.270



81, 30.850, 340.270



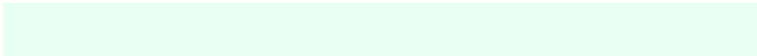
81, 30.850, 30.270

Sweetspot

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



81, 30.851, 160.269



98, 11.141, 162.467



82, 38.176, 126.977



52, 7.602, 162.336



0, 0.000, 0.000



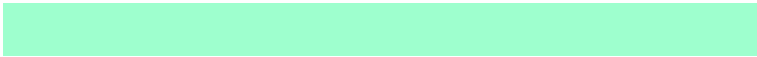
53, 0.007, 296.813

Same Dimension

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



81, 30.851, 160.269



93, 41.698, 159.523



82, 22.655, 196.272



44, 5.489, 162.529



61, 66.254, 148.929



14, 23.506, 154.012

Inverse Universe

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



69, 32.039, 346.258



76, 43.576, 347.011



68, 28.050, 20.903



42, 5.557, 344.002



37, 62.886, 1.052



5, 23.603, 353.781

Previews

White Background



This preview shows how the CIELCh color 81, 30.850, 160.270 looks on a white background.

Color Contrast Check

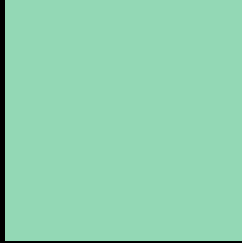
Large Text (above 18pt) WCAG AA × Fail

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, 30.850, 160.270 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, 30.850, 160.270

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.850, 160.270.

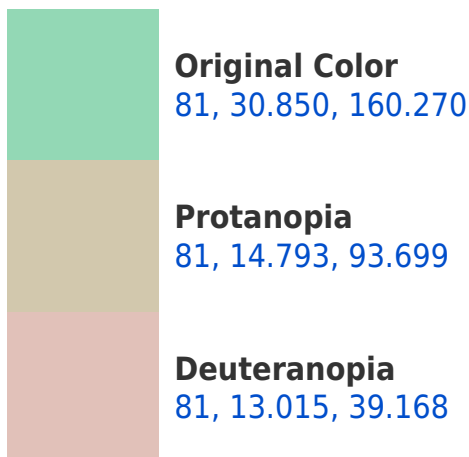


This preview shows how white text looks on a background with the CIELCh color 81, 30.850, 160.270.

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, 19.113, 226.762

Trichromacy



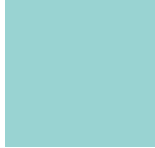
Original Color
81, 30.850, 160.270



Protanomaly
81, 17.451, 132.967



Deuteranomaly
80, 9.665, 118.271

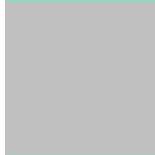


Tritanomaly
81, 19.459, 196.452

Monochromacy



Original Color
81, 30.850, 160.270



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 11.544, 161.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.850, 160.270 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(147, 216, 181)` looks like.

```
.text, #text, p{  
    color:rgb(147, 216, 181)  
}
```

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(147, 216, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 216, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.850, 160.270 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(147, 216, 181) }
```

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

```
.border{ border-color:rgb(147, 216, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 216, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 216, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 216, 181); box-shadow:4px 4px 4px 4px rgb(147, 216, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.850, 160.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 216, 181) }
```

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

```
.background{ background-color: rgb(147,  
216, 181) }
```

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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