

Converting Colors

CIELCh(81, 31.670, 156.433)

Have a look what the booklet for
CIELCh(81, 31.670, 156.433)
contains.

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Color

CIELCh(81, 31.809, 156.729)

Conversions

Conversions Part 1

Format	Color
Hex	95D8B1
RGB	149, 216, 177
RGB Percent	58%, 85%, 69%
CMY	0.4169, 0.1542, 0.3071
CMYK	0.31, 0.00, 0.18, 0.15
HSL	145°, 46%, 71%
HSV	145°, 31%, 85%
XYZ	44.7180, 58.4711, 50.3645
YIQ	191.5210, -27.4130, -26.3330

Conversions

Conversions Part 2

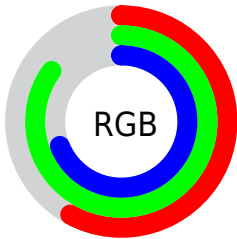
Format	Color
RYB	149, 196, 216
Decimal	9820337
CIELab	81.00, -29.22, 12.57
CIElCh	81, 31.809, 156.729
Yxy	58.4711, 0.2912, 0.3808
Android (android.graphics.Color)	4288010417 (0xFF95D8B1)
YUV	191.5210, -7.1589, -37.2909
Hunter-Lab	76.4664, -29.4283, 14.4752

Details

The CIELCh color **81, 31.809, 156.729** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 32.591, 342.112**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.755, 165.226**, and **61, 32.018, 156.351** is the 20% darker color. If you saturate the color by 10%, you get **80, 41.673, 155.580**, and if you desaturate by 10%, it is **82, 21.656, 157.741**.

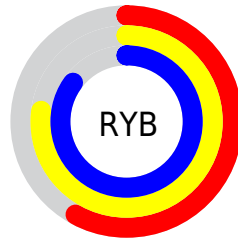
Distribution



Red (58%)

Green (85%)

Blue (69%)



Red (58%)

Yellow (77%)

Blue (85%)

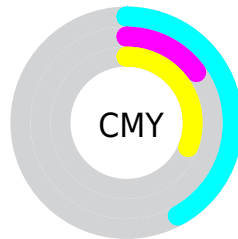


Cyan (31%)

Magenta (0%)

Yellow (18%)

Black (15%)



Cyan (42%)


Magenta (15%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 31.809, 156.729 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, 31.809, 156.729 by changing the saturation by 10% instead.


 81, 31.809,
156.729


 81, 31.809,
156.729


 100, 31.809,
156.729


 71, 31.809,
156.729


 61, 31.809,
156.729

 51, 31.809,
156.729

 41, 31.809,
156.729

 31, 31.809,
156.729

 21, 31.809,
156.729

 11, 31.809,

156.729

■ 1, 31.809, 156.729

■ 0, 31.809, 156.729

■ 81, 31.809,
156.729

■ 81, 31.809,
156.729

■ 80, 41.673,
155.580

■ 82, 21.656,
157.741

■ 79, 51.066,
154.269

■ 84, 11.367,
158.647

■ 78, 59.808,
152.774

■ 86, 1.078, 159.773

■ 77, 67.739,
151.076

■ 88, 9.108, 340.069

■ 90, 18.698,
339.586

■ 76, 74.740,

149.171

90, 23.387,
327.429

76, 80.765,
147.078

91, 24.628,
325.282

76, 85.430,
145.141

Harmonies

Complementary

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



81, 31.809, 156.729



69, 32.591, 342.112

Rectangle

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



81, 31.809, 156.729



81, 31.809, 206.729



81, 31.809, 336.729



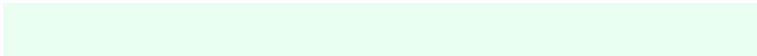
81, 31.809, 26.729

Sweetspot

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



81, 31.810, 156.728



98, 10.590, 158.818



83, 36.501, 124.559



52, 7.362, 158.690



0, 0.000, 0.000



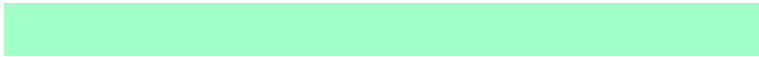
53, 0.007, 296.813

Same Dimension

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



81, 31.810, 156.728



93, 43.189, 156.023



82, 22.564, 190.226



44, 5.798, 158.789



61, 71.208, 145.526



14, 25.127, 150.623

Inverse Universe

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



69, 32.591, 342.112



77, 44.401, 342.758



68, 26.986, 15.675



42, 5.850, 340.168



37, 64.309, 354.253



5, 24.524, 348.585

Previews

White Background



This preview shows how the CIELCh color 81, 31.809, 156.729 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, 31.809, 156.729 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, 31.809, 156.729

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.809, 156.729.

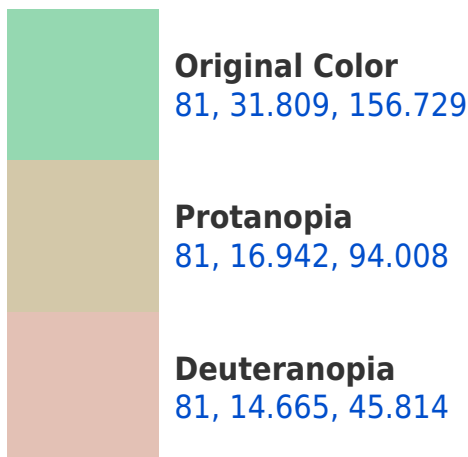


This preview shows how white text looks on a background with the CIELCh color 81, 31.809, 156.729.

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, 18.342, 228.114

Trichromacy



Original Color
81, 31.809, 156.729



Protanomaly
81, 19.252, 129.365



Deuteranomaly
80, 11.676, 112.854

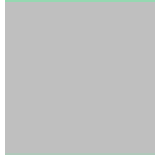


Tritanomaly
81, 19.031, 193.213

Monochromacy



Original Color
81, 31.809, 156.729



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 11.614, 158.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.809, 156.729 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(149, 216, 177)` looks like.

```
.text, #text, p{  
    color:rgb(149, 216, 177)  
}
```

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(149, 216, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 216, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.809, 156.729 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(149, 216, 177) }
```

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

```
.border{ border-color:rgb(149, 216, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 216, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 216, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 216, 177);  
box-shadow:4px 4px 4px 4px rgb(149, 216,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.809, 156.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 216, 177) }
```

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

```
.background{ background-color: rgb(149,  
216, 177) }
```

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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