

Converting Colors

CIELCh(81, 30.721, 155.933)

Have a look what the booklet for
CIELCh(81, 30.721, 155.933)
contains.

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Color

CIELCh(81, 30.467, 155.956)

Conversions

Conversions Part 1

Format	Color
Hex	98D7B1
RGB	152, 215, 177
RGB Percent	60%, 84%, 69%
CMY	0.4038, 0.1567, 0.3058
CMYK	0.29, 0.00, 0.18, 0.16
HSL	144°, 44%, 72%
HSV	144°, 29%, 84%
XYZ	45.2020, 58.4711, 50.5148
YIQ	191.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

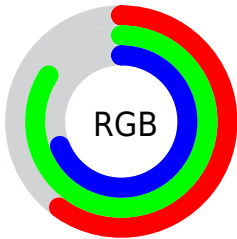
Format	Color
RYB	152, 197, 215
Decimal	10016689
CIELab	81.00, -27.82, 12.41
CIElCh	81, 30.467, 155.956
Yxy	58.4711, 0.2932, 0.3792
Android (android.graphics.Color)	4288206769 (0xFF98D7B1)
YUV	191.8310, -7.3117, -34.9318
Hunter-Lab	76.4664, -28.2986, 14.3587

Details

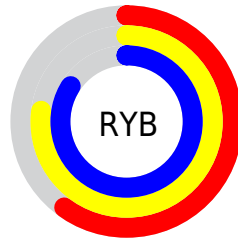
The CIELCh color $81, 30.467, 155.956$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 31.096, 340.875$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 19.931, 163.765$, and $61, 30.666, 155.655$ is the 20% darker color. If you saturate the color by 10%, you get $80, 40.556, 154.843$, and if you desaturate by 10%, it is $83, 20.124, 156.934$.

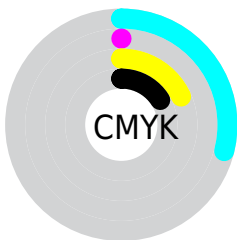
Distribution



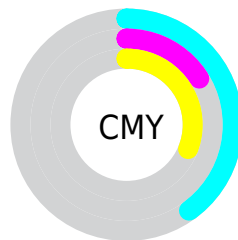
- Red (60%)
- Green (84%)
- Blue (69%)



- Red (60%)
- Yellow (77%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 30.467, 155.956 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, 30.467, 155.956 by changing the saturation by 10% instead.


 81, 30.467,
155.956


 81, 30.467,
155.956


 100, 30.467,
155.956


 71, 30.467,
155.956

 61, 30.467,
155.956

 51, 30.467,
155.956

 41, 30.467,
155.956

 31, 30.467,
155.956

 21, 30.467,
155.956

 11, 30.467,

155.956

■ 1, 30.467, 155.956

■ 0, 30.467, 155.956

■ 81, 30.467,
155.956

■ 81, 30.467,
155.956

■ 80, 40.556,
154.843

■ 83, 20.124,
156.934

■ 79, 50.210,
153.573

■ 84, 9.681, 157.812

■ 78, 59.243,
152.122

■ 86, 0.734, 338.001

■ 77, 67.482,
150.471

■ 88, 11.019,
339.179

■ 76, 74.794,

■ 90, 19.921,
336.560

148.616

90, 24.976,
325.393

76, 81.107,
146.574

90, 25.036,
325.296

76, 86.489,
144.433

76, 86.847,
144.291

Harmonies

Complementary

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



81, 30.467, 155.956



70, 31.096, 340.875

Rectangle

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



81, 30.467, 155.956



81, 30.467, 205.956



81, 30.467, 335.956



81, 30.467, 25.956

Sweetspot

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



81, 30.469, 155.955



98, 10.757, 157.830



83, 34.129, 123.379



52, 7.479, 157.705



0, 0.000, 0.000



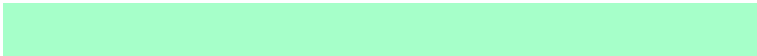
53, 0.007, 296.813

Same Dimension

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



81, 30.469, 155.955



93, 41.628, 155.301



82, 21.661, 187.441



44, 5.889, 157.802



61, 72.562, 144.665



14, 25.564, 149.812

Inverse Universe

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



70, 31.096, 340.875



78, 42.609, 341.460



69, 25.278, 12.857



42, 5.937, 339.154



37, 64.894, 352.428



5, 24.834, 347.131

Previews

White Background



This preview shows how the CIELCh color 81, 30.467, 155.956 looks on a white background.

Color Contrast Check

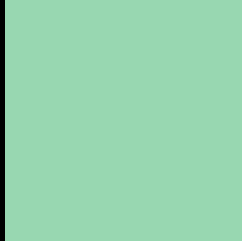
Large Text (above 18pt) WCAG AA × Fail

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 81, 30.467, 155.956 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

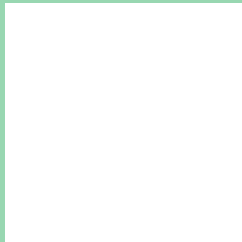
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 30.467, 155.956

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.467, 155.956.

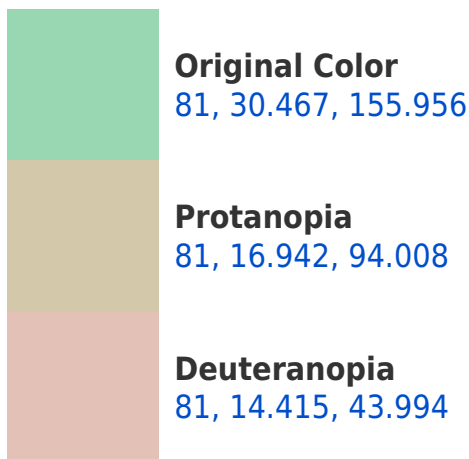


This preview shows how white text looks on a background with the CIELCh color 81, 30.467, 155.956.

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, 17.322, 230.140

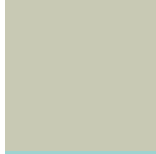
Trichromacy



Original Color
81, 30.467, 155.956



Protanomaly
81, 18.375, 126.718



Deuteranomaly
80, 11.125, 111.127

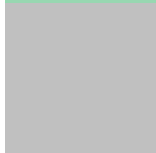


Tritanomaly
81, 18.111, 193.037

Monochromacy



Original Color
81, 30.467, 155.956



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.980, 159.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.467, 155.956 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(152, 215, 177)` looks like.

```
.text, #text, p{  
    color:rgb(152, 215, 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(152, 215, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 215, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.467, 155.956 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(152, 215, 177) }
```

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

```
.border{ border-color:rgb(152, 215, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 215, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 215, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 215, 177);  
box-shadow:4px 4px 4px 4px rgb(152, 215,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.467, 155.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 215, 177) }
```

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

```
.background{ background-color: rgb(152,  
215, 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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