

Converting Colors

CIELCh(77, 31.843, 142.862)

Have a look what the booklet for
CIELCh(77, 31.843, 142.862)
contains.

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Color

CIELCh(77, 31.442, 142.876)

Conversions

Conversions Part 1

Format	Color
Hex	9ACA9A
RGB	154, 202, 154
RGB Percent	60%, 79%, 60%
CMY	0.3955, 0.2072, 0.3955
CMYK	0.24, 0.00, 0.24, 0.21
HSL	120°, 31%, 70%
HSV	120°, 24%, 79%
XYZ	40.3527, 51.5317, 38.4526
YIQ	182.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

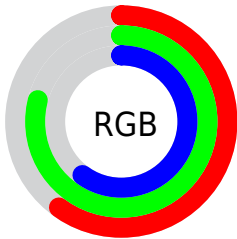
Format	Color
RYB	154, 202, 202
Decimal	10144410
CIELab	77.00, -25.07, 18.98
CIElCh	77, 31.442, 142.876
Yxy	51.5317, 0.3096, 0.3954
Android (android.graphics.Color)	4288334490 (0xFF9ACA9A)
YUV	182.1760, -13.8908, -24.7104
Hunter-Lab	71.7856, -25.2851, 18.4907

Details

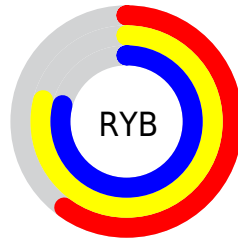
The CIELCh color $77, 31.442, 142.876$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $69, 31.458, 325.726$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 28.814, 143.296$, and $57, 31.416, 142.892$ is the 20% darker color. If you saturate the color by 10%, you get $76, 44.562, 142.016$, and if you desaturate by 10%, it is $79, 18.157, 143.619$.

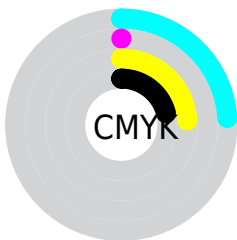
Distribution



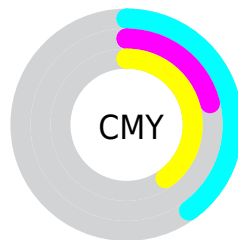
- Red (60%)
- Green (79%)
- Blue (60%)



- Red (60%)
- Yellow (79%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)





- Cyan (40%)
- Magenta (21%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 31.442, 142.876 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 77, 31.442, 142.876 by changing the saturation by 10% instead.


 77, 31.442,
142.876


 77, 31.442,
142.876


 100, 31.442,
142.876


 67, 31.442,
142.876


 97, 31.442,
142.876

 57, 31.442,
142.876

 47, 31.442,
142.876

 37, 31.442,
142.876

 27, 31.442,
142.876

 17, 31.442,
142.876

 7, 31.442, 142.876

0, 31.442, 142.876

77, 31.442,
142.876

77, 31.442,
142.876

76, 44.562,
142.016

79, 18.157,
143.619

74, 57.232,
141.036

81, 4.913, 144.285

73, 69.096,
139.953

83, 8.135, 324.730

85, 20.886,
325.198

72, 79.718,
138.818

87, 33.145,
325.577

72, 88.586,
137.728

71, 95.174,
136.822

■ 71, 99.110,
136.238

■ 71, 100.552,
136.016

Harmonies

Complementary

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



77, 31.442, 142.876



69, 31.458, 325.726

Rectangle

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



77, 31.442, 142.876



77, 31.442, 192.876



77, 31.442, 322.876



77, 31.442, 12.876

Sweetspot

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



77, 31.444, 142.876



98, 11.113, 144.061



80, 24.870, 107.188



52, 7.224, 144.022



0, 0.000, 0.000



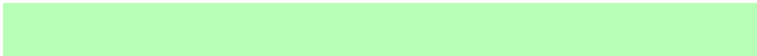
53, 0.007, 296.813

Same Dimension

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



77, 31.444, 142.876



94, 44.737, 142.493



78, 22.018, 160.675



42, 7.527, 143.911



59, 86.762, 136.016



12, 28.688, 142.913

Inverse Universe

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



69, 31.458, 325.726



83, 44.738, 325.973



69, 22.624, 344.840



40, 7.538, 324.933



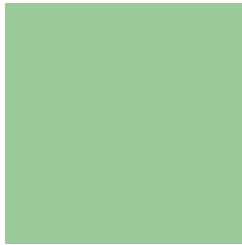
39, 83.711, 328.232



5, 29.042, 327.496

Previews

White Background



This preview shows how the CIELCh color 77, 31.442, 142.876 looks on a white background.

Color Contrast Check

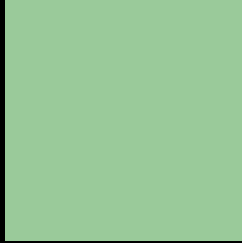
Large Text (above 18pt) WCAG AA × Fail

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 77, 31.442, 142.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

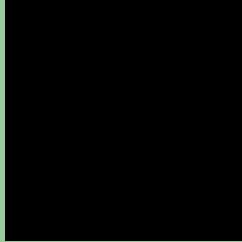
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 31.442, 142.876

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.442, 142.876.



This preview shows how white text looks on a background with the CIELCh color 77, 31.442, 142.876.

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
77, 31.442, 142.876

Protanopia
77, 22.495, 94.634

Deuteranopia
77, 19.798, 60.343



Tritanopia
77, 13.071, 237.019

Trichromacy



Original Color
77, 31.442, 142.876

Protanomaly
77, 23.656, 116.639

Deuteranomaly
76, 17.256, 100.665

Tritanomaly
77, 14.240, 180.733

Monochromacy



Original Color
77, 31.442, 142.876

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 11.213, 143.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.442, 142.876 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, 202, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 202, 154)  
}
```

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, 202, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 202, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.442, 142.876 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, 202, 154) }
```

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

```
.border{ border-color:rgb(154, 202, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 202, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 202, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 202, 154);  
box-shadow:4px 4px 4px 4px rgb(154, 202,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.442, 142.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 202, 154) }
```

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

```
.background{ background-color: rgb(154,  
202, 154) }
```

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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