

Converting Colors

CIELCh(78, 31.884, 153.493)

Have a look what the booklet for
CIELCh(78, 31.884, 153.493)
contains.

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Color

CIELCh(78, 31.829, 153.793)

Conversions

Conversions Part 1

Format	Color
Hex	90CFA6
RGB	144, 207, 166
RGB Percent	56%, 81%, 65%
CMY	0.4359, 0.1888, 0.3496
CMYK	0.30, 0.00, 0.20, 0.19
HSL	141°, 40%, 69%
HSV	141°, 30%, 81%
XYZ	40.6183, 53.2120, 44.1334
YIQ	183.4890, -24.3870, -26.1070

Conversions

Conversions Part 2

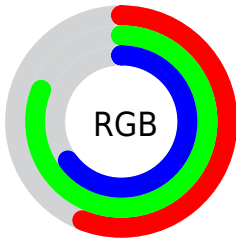
Format	Color
RYB	144, 191, 207
Decimal	9490342
CIELab	78.00, -28.56, 14.06
CIElCh	78, 31.829, 153.793
Yxy	53.2120, 0.2944, 0.3857
Android (android.graphics.Color)	4287680422 (0xFF90CFA6)
YUV	183.4890, -8.6221, -34.6319
Hunter-Lab	72.9466, -28.2635, 15.1915

Details

The CIELCh color **78, 31.829, 153.793** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 32.324, 338.692**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 26.367, 156.487**, and **58, 31.725, 154.003** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.976, 152.692**, and if you desaturate by 10%, it is **79, 21.429, 154.755**.

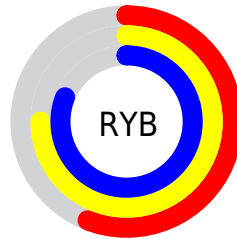
Distribution



Red (56%)

Green (81%)

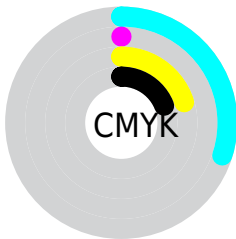
Blue (65%)



Red (56%)

Yellow (75%)

Blue (81%)

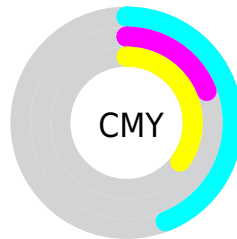


Cyan (30%)

Magenta (0%)

Yellow (20%)

Black (19%)



Cyan (44%)


Magenta (19%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.829, 153.793 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 78, 31.829, 153.793 by changing the saturation by 10% instead.


 78, 31.829,
153.793


 78, 31.829,
153.793


 100, 31.829,
153.793


 68, 31.829,
153.793


 98, 31.829,
153.793

 58, 31.829,
153.793

 48, 31.829,
153.793

 38, 31.829,
153.793

 28, 31.829,
153.793

 18, 31.829,
153.793

 8, 31.829, 153.793

■ 0, 31.829, 153.793

■ 78, 31.829,
153.793

■ 78, 31.829,
153.793

■ 77, 41.976,
152.692

■ 79, 21.429,
154.755

■ 76, 51.681,
151.430

■ 81, 10.930,
155.610

■ 75, 60.754,
149.986

■ 83, 0.467, 157.093

■ 85, 9.861, 336.934

■ 74, 69.014,
148.348

■ 87, 19.980,
337.538

■ 73, 76.316,
146.517

■ 88, 26.788,
330.806

■ 73, 82.574,
144.523

■ 88, 30.193,

■ 73, 87.639,
142.584

325.476

Harmonies

Complementary

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



78, 31.829, 153.793



67, 32.324, 338.692

Rectangle

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



78, 31.829, 153.793



78, 31.829, 203.793



78, 31.829, 333.793



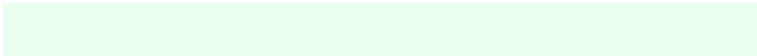
78, 31.829, 23.793

Sweetspot

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



78, 31.830, 153.792



98, 11.143, 155.720



80, 34.011, 121.369



52, 7.748, 155.600



0, 0.000, 0.000



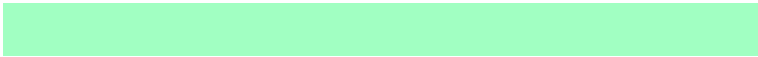
53, 0.007, 296.813

Same Dimension

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



78, 31.830, 153.792



93, 45.622, 153.039



79, 22.301, 183.121



43, 5.981, 155.695



60, 74.617, 142.913



13, 25.248, 148.980

Inverse Universe

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



67, 32.324, 338.692



77, 46.408, 339.322



66, 25.656, 9.178



41, 6.020, 336.985



37, 65.752, 348.482



5, 23.840, 343.927

Previews

White Background



This preview shows how the CIELCh color 78, 31.829, 153.793 looks on a white background.

Color Contrast Check

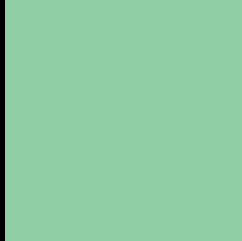
Large Text (above 18pt) WCAG AA × Fail

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 78, 31.829, 153.793 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 78, 31.829, 153.793

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.829, 153.793.

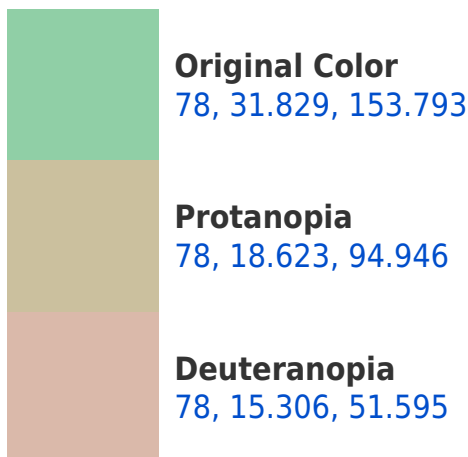


This preview shows how white text looks on a background with the CIELCh color 78, 31.829, 153.793.

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
78, 17.165, 228.598

Trichromacy



Original Color
78, 31.829, 153.793

Protanomaly
77, 20.148, 126.244

Deuteranomaly
77, 13.356, 112.242

Tritanomaly
78, 18.002, 191.199

Monochromacy



Original Color
78, 31.829, 153.793

Achromatopsia
74, 0.009, 296.813

Achromatomaly
76, 11.806, 155.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.829, 153.793 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(144, 207, 166)` looks like.

```
.text, #text, p{  
    color:rgb(144, 207, 166)  
}
```

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(144, 207, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 207, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.829, 153.793 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(144, 207, 166) }
```

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

```
.border{ border-color:rgb(144, 207, 166) }
```

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

Here you see how a box with a 4 pixel rgb(144, 207, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 207, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 207, 166);  
box-shadow:4px 4px 4px 4px rgb(144, 207,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.829, 153.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 207, 166) }
```

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

```
.background{ background-color: rgb(144,  
207, 166) }
```

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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