

Converting Colors

CIELCh(78, 21.717, 145.191)

Have a look what the booklet for
CIELCh(78, 21.717, 145.191)
contains.

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Color

CIELCh(78, 22.022, 144.917)

Conversions

Conversions Part 1

Format	Color
Hex	A7CAA9
RGB	167, 202, 169
RGB Percent	65%, 79%, 66%
CMY	0.3458, 0.2085, 0.3379
CMYK	0.17, 0.00, 0.16, 0.21
HSL	123°, 25%, 72%
HSV	123°, 17%, 79%
XYZ	44.1236, 53.2120, 45.3965
YIQ	187.7730, -10.2670, -17.6830

Conversions

Conversions Part 2

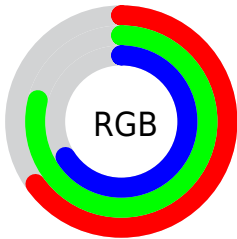
Format	Color
RYB	167, 200, 202
Decimal	10996393
CIELab	78.00, -18.02, 12.66
CIELCh	78, 22.022, 144.917
Yxy	53.2120, 0.3091, 0.3728
Android (android.graphics.Color)	4289186473 (0xFFA7CAA9)
YUV	187.7730, -9.2551, -18.2179
Hunter-Lab	72.9466, -19.6862, 14.1649

Details

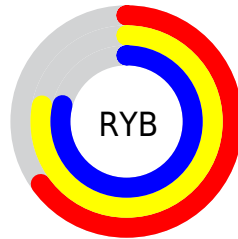
The CIELCh color **78, 22.022, 144.917** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 22.051, 326.975**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 19.788, 145.317**, and **58, 21.963, 144.674** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.759, 144.120**, and if you desaturate by 10%, it is **80, 9.271, 145.610**.

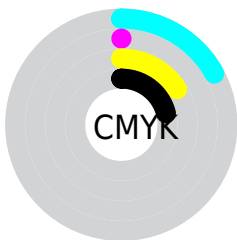
Distribution



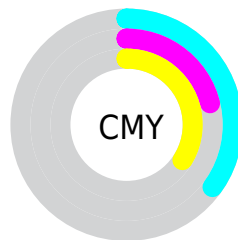
- Red (65%)
- Green (79%)
- Blue (66%)



- Red (65%)
- Yellow (78%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)





- Cyan (35%)
- Magenta (21%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.022, 144.917 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, 22.022, 144.917 by changing the saturation by 10% instead.


 78, 22.022,
144.917


 78, 22.022,
144.917


 100, 22.022,
144.917


 68, 22.022,
144.917


 98, 22.022,
144.917

 58, 22.022,
144.917

 48, 22.022,
144.917

 38, 22.022,
144.917

 28, 22.022,
144.917

 18, 22.022,
144.917

 8, 22.022, 144.917

0, 22.022, 144.917

78, 22.022,
144.917

78, 22.022,
144.917

76, 34.759,
144.120

80, 9.271, 145.610

75, 47.263,
143.198

82, 3.342, 326.074

74, 59.264,
142.145

84, 15.702,
326.628

73, 70.430,
140.974

86, 27.737,
327.052

72, 80.374,
139.727

87, 33.349,
325.584

72, 88.667,
138.488

■ 71, 94.884,
137.381

■ 71, 98.745,
136.556

■ 71, 99.419,
136.432

Harmonies

Complementary

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



78, 22.022, 144.917



72, 22.051, 326.975

Rectangle

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



78, 22.022, 144.917



78, 22.022, 194.917



78, 22.022, 324.917



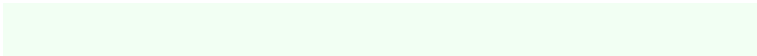
78, 22.022, 14.917

Sweetspot

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



78, 22.024, 144.917



99, 7.619, 145.763



80, 18.495, 110.612



53, 5.201, 145.714



0, 0.000, 0.000



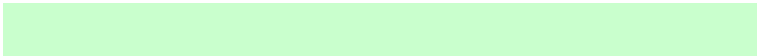
53, 0.007, 296.813

Same Dimension

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



78, 22.024, 144.917



95, 32.278, 144.617



78, 15.312, 164.909



42, 7.238, 145.473



59, 85.659, 136.542



12, 27.899, 143.864

Inverse Universe

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



72, 22.051, 326.975



87, 32.311, 327.200



72, 15.736, 347.987



40, 7.250, 326.516



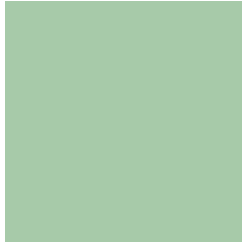
39, 80.069, 330.625



5, 27.738, 329.417

Previews

White Background



This preview shows how the CIELCh color 78, 22.022, 144.917 looks on a white background.

Color Contrast Check

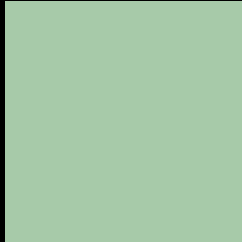
Large Text (above 18pt) WCAG AA × Fail

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 78, 22.022, 144.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

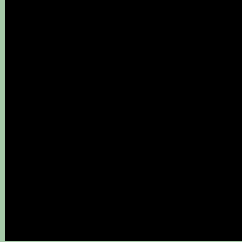
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

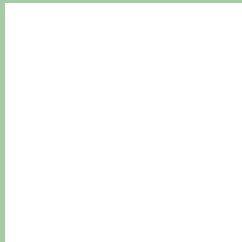
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.022, 144.917

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.022, 144.917.

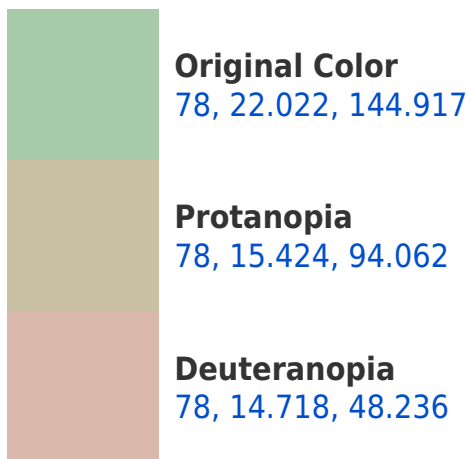


This preview shows how white text looks on a background with the CIELCh color 78, 22.022, 144.917.

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](#).

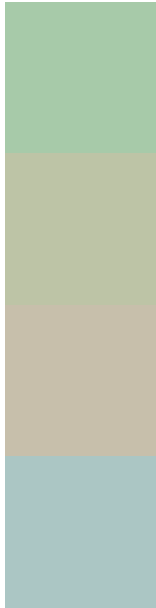
Dichromacy





Tritanopia
78, 10.896, 246.730

Trichromacy



Original Color
78, 22.022, 144.917

Protanomaly
78, 16.194, 118.298

Deuteranomaly
77, 11.105, 93.025

Tritanomaly
78, 9.684, 192.344

Monochromacy



Original Color
78, 22.022, 144.917

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 8.087, 146.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.022, 144.917 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(167, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 202, 169)  
}
```

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(167, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 202, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.022, 144.917 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(167, 202, 169) }
```

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

```
.border{ border-color:rgb(167, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(167, 202,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.022, 144.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 202, 169) }
```

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

```
.background{ background-color: rgb(167,  
202, 169) }
```

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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