

Converting Colors

CIELCh(68, 20.628, 126.973)

Have a look what the booklet for
CIELCh(68, 20.628, 126.973)
contains.

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Color

CIELCh(68, 20.164, 126.610)

Conversions

Conversions Part 1

Format	Color
Hex	9BAB88
RGB	155, 171, 136
RGB Percent	61%, 67%, 53%
CMY	0.3914, 0.3286, 0.4659
CMYK	0.09, 0.00, 0.20, 0.33
HSL	87°, 17%, 60%
HSV	87°, 20%, 67%
XYZ	32.6134, 37.9720, 28.9744
YIQ	162.2260, 1.6990, -14.2770

Conversions

Conversions Part 2

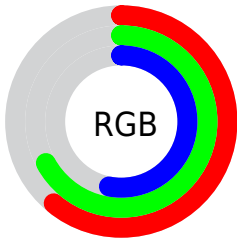
Format	Color
RYB	136, 171, 152
Decimal	10201992
CIELab	68.00, -12.03, 16.19
CIELCh	68, 20.164, 126.610
Yxy	37.9720, 0.3276, 0.3814
Android (android.graphics.Color)	4288392072 (0xFF9BAB88)
YUV	162.2260, -12.9294, -6.3372
Hunter-Lab	61.6215, -13.3658, 15.2568

Details

The CIELCh color **68, 20.164, 126.610** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 20.783, 308.551**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 20.130, 125.891**, and **48, 20.270, 126.203** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.950, 126.122**, and if you desaturate by 10%, it is **69, 10.302, 127.094**.

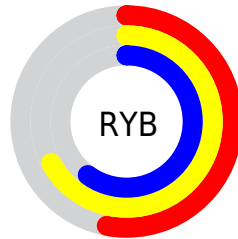
Distribution



Red (61%)

Green (67%)

Blue (53%)



Red (53%)

Yellow (67%)

Blue (60%)

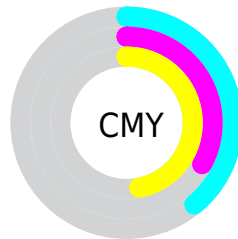


Cyan (9%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (39%)


Magenta (33%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 20.164, 126.610 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 68, 20.164, 126.610 by changing the saturation by 10% instead.


 68, 20.164,
126.610


 68, 20.164,
126.610


 100, 20.164,
126.610


 58, 20.164,
126.610


 88, 20.164,
126.610

 48, 20.164,
126.610

 98, 20.164,
126.610

 38, 20.164,
126.610

 28, 20.164,
126.610

 18, 20.164,
126.610

 8, 20.164, 126.610

 0, 20.164, 126.610

68, 20.164,
126.610

68, 20.164,
126.610

67, 29.950,
126.122

69, 10.302,
127.094

66, 39.546,
125.645

70, 0.434, 127.752

66, 48.797,
125.216

71, 9.384, 307.951

65, 57.475,
124.895

72, 19.114,
308.345

64, 65.261,
124.768

74, 28.728,
308.701

64, 71.754,
124.947

75, 38.206,
309.022

63, 76.560,
125.552

76, 47.013,
309.481

63, 79.739,

77, 47.665,
312.538

126.463

 78, 48.439,
315.553

Harmonies

Complementary

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



68, 20.164, 126.610



59, 20.783, 308.551

Rectangle

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



68, 20.164, 126.610



68, 20.164, 176.610



68, 20.164, 306.610



68, 20.164, 356.610

Sweetspot

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



68, 20.166, 126.612



88, 7.295, 127.301



64, 11.786, 67.487



47, 4.879, 127.271



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 20.166, 126.612



85, 30.411, 126.368



67, 23.257, 141.898



36, 5.638, 127.148



56, 72.395, 126.290



6, 12.186, 130.834

Inverse Universe

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



59, 20.783, 308.551



72, 31.588, 308.824



61, 23.317, 324.126



34, 5.721, 307.978



22, 84.799, 311.147



1, 11.752, 304.514

Previews

White Background



This preview shows how the CIELCh color 68, 20.164, 126.610 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 68, 20.164, 126.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

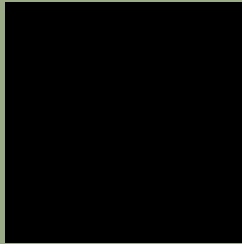
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 20.164, 126.610

Background



This preview shows how black text looks on a background with the CIELCh color 68, 20.164, 126.610.

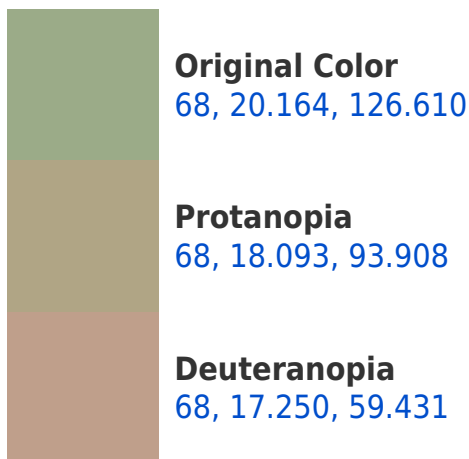


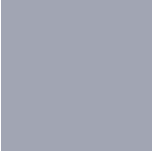
This preview shows how white text looks on a background with the CIELCh color 68, 20.164, 126.610.

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
68, 7.827, 280.268

Trichromacy



Original Color
68, 20.164, 126.610

Protanomaly
68, 18.033, 107.011

Deuteranomaly
68, 15.038, 84.777

Tritanomaly
68, 3.758, 163.360

Monochromacy



Original Color
68, 20.164, 126.610

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.894, 125.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 20.164, 126.610 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(155, 171, 136)` looks like.

```
.text, #text, p{  
    color:rgb(155, 171, 136)  
}
```

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(155, 171, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 171, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 20.164, 126.610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

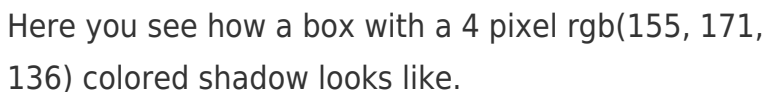
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 171, 136) }
```

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

```
.border{ border-color:rgb(155, 171, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 171, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 171, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 171, 136); box-shadow:4px 4px 4px 4px rgb(155, 171, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 20.164, 126.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 171, 136) }
```

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

```
.background{ background-color: rgb(155,  
171, 136) }
```

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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