

Converting Colors

CIELCh(68, 27.612, 132.311)

Have a look what the booklet for
CIELCh(68, 27.612, 132.311)
contains.

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Color

CIELCh(68, 27.612, 132.311)

Conversions

Conversions Part 1

Format	Color
Hex	91AE80
RGB	145, 174, 128
RGB Percent	57%, 68%, 50%
CMY	0.4304, 0.3167, 0.4971
CMYK	0.17, 0.00, 0.26, 0.32
HSL	98°, 22%, 59%
HSV	98°, 26%, 68%
XYZ	30.8134, 37.9720, 26.2072
YIQ	160.0850, -2.5180, -20.4540

Conversions

Conversions Part 2

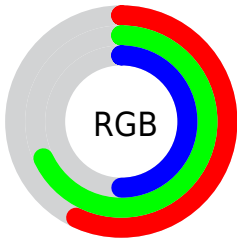
Format	Color
RYB	128, 174, 157
Decimal	9547392
CIELab	68.00, -18.59, 20.42
CIElCh	68, 27.612, 132.311
Yxy	37.9720, 0.3244, 0.3997
Android (android.graphics.Color)	4287737472 (0xFF91AE80)
YUV	160.0850, -15.8179, -13.2295
Hunter-Lab	61.6215, -18.5798, 17.9194

Details

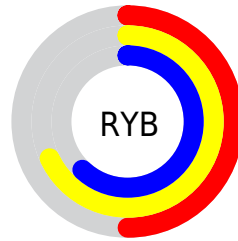
The CIELCh color $68, 27.612, 132.311$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $58, 28.316, 314.614$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 27.941, 132.615$, and $48, 27.500, 131.829$ is the 20% darker color. If you saturate the color by 10%, you get $67, 37.955, 131.809$, and if you desaturate by 10%, it is $69, 17.150, 132.795$.

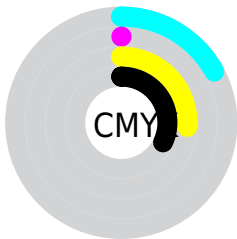
Distribution



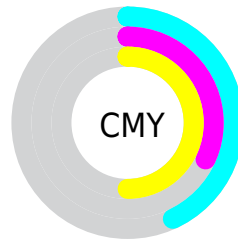
- Red (57%)
- Green (68%)
- Blue (50%)



- Red (50%)
- Yellow (68%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)





- Cyan (43%)
- Magenta (32%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 27.612, 132.311 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, 27.612, 132.311 by changing the saturation by 10% instead.


 68, 27.612,
132.311


 68, 27.612,
132.311


 100, 27.612,
132.311


 58, 27.612,
132.311


 88, 27.612,
132.311

 48, 27.612,
132.311

 98, 27.612,
132.311

 38, 27.612,
132.311

 28, 27.612,
132.311

 18, 27.612,
132.311

 8, 27.612, 132.311

 0, 27.612, 132.311

68, 27.612,
132.311

68, 27.612,
132.311

67, 37.955,
131.809

69, 17.150,
132.795

66, 48.019,
131.311

70, 6.674, 133.251

65, 57.589,
130.863

72, 3.737, 313.592

65, 66.363,
130.538

73, 14.026,
313.978

64, 73.948,
130.444

75, 24.155,
314.299

63, 79.904,
130.704

76, 34.098,
314.579

63, 83.959,
131.395

78, 43.838,
314.823

63, 85.187,

79, 47.387,
318.019

131.646

 80, 48.843,
322.206

Harmonies

Complementary

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



68, 27.612, 132.311



58, 28.316, 314.614

Rectangle

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



68, 27.612, 132.311



68, 27.612, 182.311



68, 27.612, 312.311



68, 27.612, 2.311

Sweetspot

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



68, 27.614, 132.312



89, 10.339, 133.172



65, 17.340, 83.527



47, 7.412, 133.105



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 27.614, 132.312



86, 41.424, 132.004



67, 28.576, 145.950



36, 5.881, 133.120



55, 76.307, 131.473



6, 12.652, 135.690

Inverse Universe

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



58, 28.316, 314.614



70, 42.736, 314.890



59, 28.625, 329.315



34, 5.939, 313.857



26, 81.787, 315.433



1, 12.143, 310.282

Previews

White Background



This preview shows how the CIELCh color 68, 27.612, 132.311 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 68, 27.612, 132.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

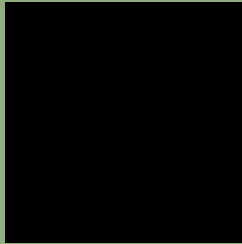
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.612, 132.311

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.612, 132.311.

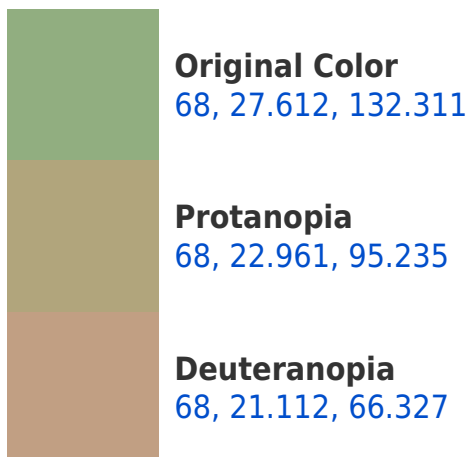


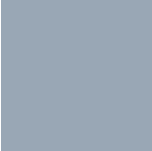
This preview shows how white text looks on a background with the CIELCh color 68, 27.612, 132.311.

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, 9.086, 257.550

Trichromacy



Original Color
68, 27.612, 132.311

Protanomaly
68, 22.909, 110.880

Deuteranomaly
68, 19.684, 94.849

Tritanomaly
68, 8.737, 168.415

Monochromacy



Original Color
68, 27.612, 132.311

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 10.169, 131.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.612, 132.311 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(145, 174, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 174, 128)  
}
```

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(145, 174, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 174, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.612, 132.311 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(145, 174, 128) }
```

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

```
.border{ border-color:rgb(145, 174, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 174, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 174, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 174, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 174,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.612, 132.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 174, 128) }
```

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

```
.background{ background-color: rgb(145,  
174, 128) }
```

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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