

Converting Colors

CIELCh(68, 26.634, 133.260)

Have a look what the booklet for
CIELCh(68, 26.634, 133.260)
contains.

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Color

CIELCh(68, 26.633, 133.290)

Conversions

Conversions Part 1

Format	Color
Hex	91AE82
RGB	145, 174, 130
RGB Percent	57%, 68%, 51%
CMY	0.4308, 0.3171, 0.4897
CMYK	0.17, 0.00, 0.25, 0.32
HSL	100°, 21%, 60%
HSV	100°, 25%, 68%
XYZ	30.9010, 37.9720, 26.8655
YIQ	160.3130, -3.1600, -19.8320

Conversions

Conversions Part 2

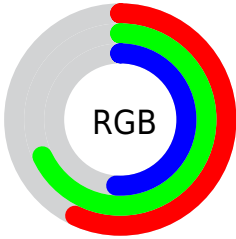
Format	Color
RYB	130, 174, 159
Decimal	9547394
CIELab	68.00, -18.26, 19.39
CIELCh	68, 26.633, 133.290
Yxy	37.9720, 0.3228, 0.3966
Android (android.graphics.Color)	4287737474 (0xFF91AE82)
YUV	160.3130, -14.9443, -13.4295
Hunter-Lab	61.6215, -18.3261, 17.2860

Details

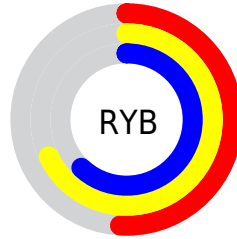
The CIELCh color **68, 26.633, 133.290** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 27.221, 315.489**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.005, 133.527**, and **48, 27.138, 133.113** is the 20% darker color. If you saturate the color by 10%, you get **67, 37.083, 132.777**, and if you desaturate by 10%, it is **69, 16.079, 133.778**.

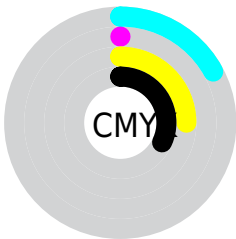
Distribution



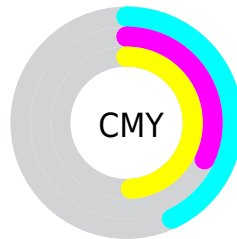
- Red (57%)
- Green (68%)
- Blue (51%)



- Red (51%)
- Yellow (68%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (32%)





- Cyan (43%)
- Magenta (32%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.633, 133.290 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, 26.633, 133.290 by changing the saturation by 10% instead.


 68, 26.633,
133.290


 68, 26.633,
133.290


 100, 26.633,
133.290


 58, 26.633,
133.290


 88, 26.633,
133.290

 48, 26.633,
133.290

 98, 26.633,
133.290

 38, 26.633,
133.290

 28, 26.633,
133.290

 18, 26.633,
133.290

 8, 26.633, 133.290

 0, 26.633, 133.290

68, 26.633,
133.290

68, 26.633,
133.290

67, 37.083,
132.777

69, 16.079,
133.778

66, 47.273,
132.257

70, 5.527, 134.238

65, 56.989,
131.773

72, 4.945, 314.577

64, 65.937,
131.395

73, 15.281,
314.949

64, 73.729,
131.225

75, 25.443,
315.262

63, 79.920,
131.387

76, 35.406,
315.533


63, 84.174,
131.978

78, 45.153,
315.768

63, 85.784,

79, 47.935,
319.512

132.284

 81, 49.544,
323.809

Harmonies

Complementary

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



68, 26.633, 133.290



58, 27.221, 315.489

Rectangle

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



68, 26.633, 133.290



68, 26.633, 183.290



68, 26.633, 313.290



68, 26.633, 3.290

Sweetspot

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



68, 26.635, 133.291



89, 10.420, 134.106



66, 17.029, 86.560



47, 7.470, 134.039



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, 26.635, 133.291



86, 39.185, 133.023



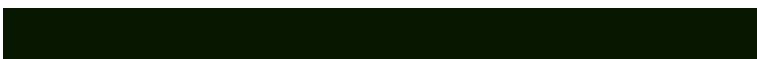
67, 26.691, 147.076



36, 5.927, 134.053



55, 76.880, 132.119



6, 12.734, 136.426

Inverse Universe

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



58, 27.221, 315.489



72, 40.232, 315.720



60, 26.761, 330.350



34, 5.981, 314.790



26, 81.329, 316.268



1, 12.229, 311.311

Previews

White Background



This preview shows how the CIELCh color 68, 26.633, 133.290 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, 26.633, 133.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

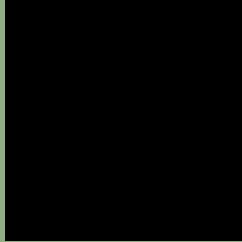
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 26.633, 133.290

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.633, 133.290.



This preview shows how white text looks on a background with the CIELCh color 68, 26.633, 133.290.

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](#).

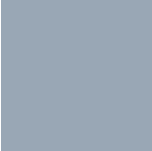
Dichromacy



Original Color
68, 26.633, 133.290

Protanopia
68, 21.902, 94.778

Deuteranopia
68, 19.967, 65.299



Tritanopia
68, 9.086, 257.550

Trichromacy



Original Color
68, 26.633, 133.290

Protanomaly
68, 21.836, 111.133

Deuteranomaly
68, 18.525, 95.484

Tritanomaly
68, 8.451, 171.572

Monochromacy



Original Color
68, 26.633, 133.290

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.662, 132.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.633, 133.290 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(145, 174, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 174, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.633, 133.290 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, 130) }
```

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

```
.border{ border-color:rgb(145, 174, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(145, 174,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.633, 133.290 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, 130) }
```

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

```
.background{ background-color: rgb(145,  
174, 130) }
```

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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