

Converting Colors

CIELCh(68, 24.501, 128.817)

Have a look what the booklet for
CIELCh(68, 24.501, 128.817)
contains.

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Color

CIELCh(68, 24.526, 128.811)

Conversions

Conversions Part 1

Format	Color
Hex	97AD83
RGB	151, 173, 131
RGB Percent	59%, 68%, 51%
CMY	0.4089, 0.3226, 0.4873
CMYK	0.13, 0.00, 0.24, 0.32
HSL	91°, 20%, 60%
HSV	91°, 24%, 68%
XYZ	31.6869, 37.9720, 27.0425
YIQ	161.6340, 0.3700, -17.7260

Conversions

Conversions Part 2

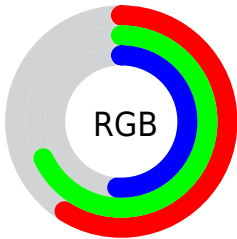
Format	Color
RYB	131, 173, 153
Decimal	9940355
CIELab	68.00, -15.37, 19.11
CIELCh	68, 24.526, 128.811
Yxy	37.9720, 0.3277, 0.3927
Android (android.graphics.Color)	4288130435 (0xFF97AD83)
YUV	161.6340, -15.1026, -9.3260
Hunter-Lab	61.6215, -16.0496, 17.1157

Details

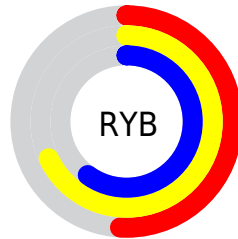
The CIELCh color $68, 24.526, 128.811$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 25.304, 311.008$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 24.269, 128.191$, and $48, 24.886, 128.481$ is the 20% darker color. If you saturate the color by 10%, you get $67, 34.510, 128.333$, and if you desaturate by 10%, it is $69, 14.438, 129.284$.

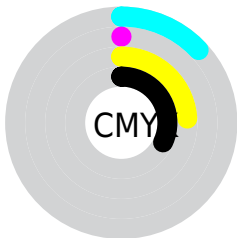
Distribution



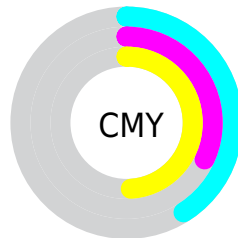
- Red (59%)
- Green (68%)
- Blue (51%)



- Red (51%)
- Yellow (68%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)





- Cyan (41%)
- Magenta (32%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 24.526, 128.811 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, 24.526, 128.811 by changing the saturation by 10% instead.


 68, 24.526,
128.811


 68, 24.526,
128.811


 100, 24.526,
128.811


 58, 24.526,
128.811


 88, 24.526,
128.811

 48, 24.526,
128.811

 98, 24.526,
128.811

 38, 24.526,
128.811

 28, 24.526,
128.811

 18, 24.526,
128.811

 8, 24.526, 128.811

 0, 24.526, 128.811

68, 24.526,
128.811

68, 24.526,
128.811

67, 34.510,
128.333

69, 14.438,
129.284

66, 44.253,
127.869

70, 4.333, 129.744

65, 53.571,
127.466

71, 5.723, 310.107

65, 62.195,
127.191

73, 15.684,
310.493

64, 69.764,
127.144

74, 25.516,
310.832

64, 75.855,
127.447

75, 35.197,
311.135


63, 80.121,
128.210

77, 44.712,
311.404

63, 82.025,

78, 47.216,
314.339

128.732

 79, 48.218,
317.845

Harmonies

Complementary

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



68, 24.526, 128.811



58, 25.304, 311.008

Rectangle

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



68, 24.526, 128.811



68, 24.526, 178.811



68, 24.526, 308.811



68, 24.526, 358.811

Sweetspot

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



68, 24.528, 128.813



88, 8.723, 129.612



64, 14.722, 74.180



47, 5.662, 129.587



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, 24.528, 128.813



86, 36.158, 128.563



67, 28.000, 143.291



36, 5.724, 129.513



55, 73.961, 128.550



6, 12.364, 132.847

Inverse Universe

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



58, 25.304, 311.008



71, 37.569, 311.270



60, 28.014, 326.198



34, 5.798, 310.288



23, 83.611, 312.636



1, 11.879, 306.635

Previews

White Background



This preview shows how the CIELCh color 68, 24.526, 128.811 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, 24.526, 128.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

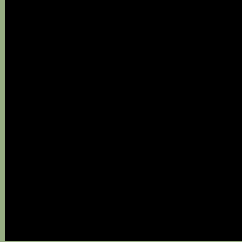
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 24.526, 128.811

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.526, 128.811.

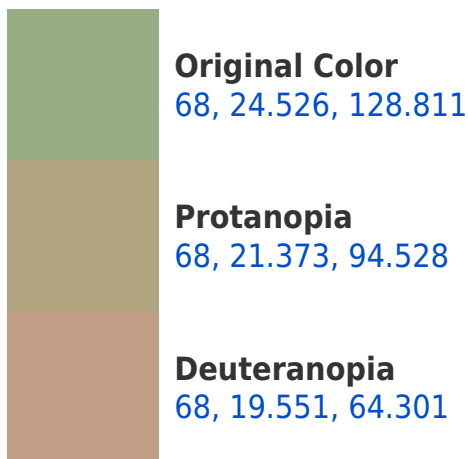


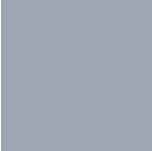
This preview shows how white text looks on a background with the CIELCh color 68, 24.526, 128.811.

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, 7.669, 268.728

Trichromacy



Original Color
68, 24.526, 128.811

Protanomaly
68, 21.799, 108.990

Deuteranomaly
68, 17.819, 90.964

Tritanomaly
68, 6.279, 161.080

Monochromacy



Original Color
68, 24.526, 128.811

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.847, 129.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.526, 128.811 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(151, 173, 131)` looks like.

```
.text, #text, p{  
    color:rgb(151, 173, 131)  
}
```

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(151, 173, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 173, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.526, 128.811 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(151, 173, 131) }
```

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

```
.border{ border-color:rgb(151, 173, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 173, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 173, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 173, 131);  
box-shadow:4px 4px 4px 4px rgb(151, 173,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.526, 128.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 173, 131) }
```

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

```
.background{ background-color: rgb(151,  
173, 131) }
```

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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