

Converting Colors

CIELCh(68, 26.436, 126.279)

Have a look what the booklet for
CIELCh(68, 26.436, 126.279)
contains.

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Color

CIELCh(68, 26.409, 126.286)

Conversions

Conversions Part 1

Format	Color
Hex	98AD7F
RGB	152, 173, 127
RGB Percent	60%, 68%, 50%
CMY	0.4049, 0.3225, 0.5029
CMYK	0.12, 0.00, 0.27, 0.32
HSL	87°, 22%, 59%
HSV	87°, 27%, 68%
XYZ	31.6163, 37.9720, 25.6621
YIQ	161.4770, 2.2500, -18.7580

Conversions

Conversions Part 2

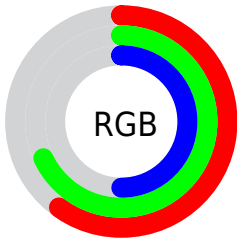
Format	Color
RYB	127, 173, 148
Decimal	10005887
CIELab	68.00, -15.63, 21.29
CIELCh	68, 26.409, 126.286
Yxy	37.9720, 0.3319, 0.3987
Android (android.graphics.Color)	4288195967 (0xFF98AD7F)
YUV	161.4770, -16.9972, -8.3113
Hunter-Lab	61.6215, -16.2540, 18.4438

Details

The CIELCh color $68, 26.409, 126.286$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $56, 27.487, 308.872$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 26.088, 125.841$, and $48, 26.471, 127.064$ is the 20% darker color. If you saturate the color by 10%, you get $67, 36.164, 125.802$, and if you desaturate by 10%, it is $69, 16.514, 126.777$.

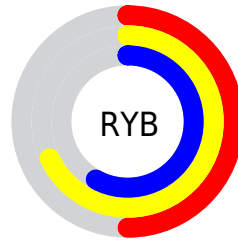
Distribution



Red (60%)

Green (68%)

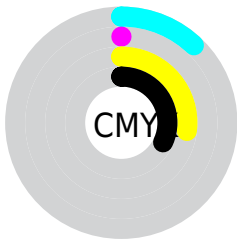
Blue (50%)



Red (50%)

Yellow (68%)

Blue (58%)

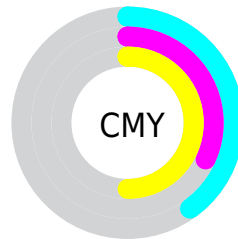


Cyan (12%)

Magenta (0%)

Yellow (27%)

Black (32%)



Cyan (40%)


Magenta (32%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.409, 126.286 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, 26.409, 126.286 by changing the saturation by 10% instead.


 68, 26.409,
126.286

 68, 26.409,
126.286

 100, 26.409,
126.286


 58, 26.409,
126.286


 88, 26.409,
126.286

 48, 26.409,
126.286

 98, 26.409,
126.286

 38, 26.409,
126.286

 28, 26.409,
126.286

 18, 26.409,
126.286

 8, 26.409, 126.286

 0, 26.409, 126.286

68, 26.409,
126.286

68, 26.409,
126.286

67, 36.164,
125.802

69, 16.514,
126.777

66, 45.636,
125.349

70, 6.569, 127.255

66, 54.628,
124.978

71, 3.357, 307.656

65, 62.855,
124.765

72, 13.216,
308.087

64, 69.937,
124.814

73, 22.975,
308.466

64, 75.456,
125.247

75, 32.609,
308.809


64, 79.180,
126.136

76, 42.101,
309.119

63, 80.268,

77, 46.432,
311.062

126.454

 78, 47.165,
314.185

Harmonies

Complementary

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



68, 26.409, 126.286



56, 27.487, 308.872

Rectangle

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



68, 26.409, 126.286



68, 26.409, 176.286



68, 26.409, 306.286



68, 26.409, 356.286

Sweetspot

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



68, 26.411, 126.288



88, 9.823, 127.183



63, 15.724, 66.796



47, 6.974, 127.113



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, 26.411, 126.288



85, 39.181, 125.997



67, 30.512, 141.450



36, 5.638, 127.128



56, 72.381, 126.269



6, 12.185, 130.816

Inverse Universe

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



56, 27.487, 308.872



68, 41.182, 309.211



59, 30.595, 324.438



34, 5.720, 307.958



22, 84.809, 311.135



1, 11.751, 304.496

Previews

White Background



This preview shows how the CIELCh color 68, 26.409, 126.286 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, 26.409, 126.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

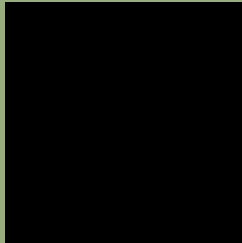
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 26.409, 126.286

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.409, 126.286.

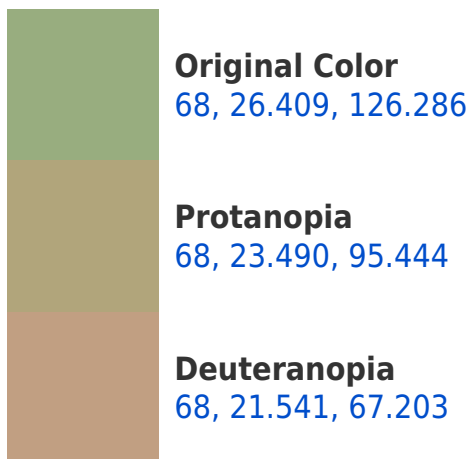


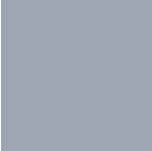
This preview shows how white text looks on a background with the CIELCh color 68, 26.409, 126.286.

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, 7.548, 271.271

Trichromacy



Original Color
68, 26.409, 126.286

Protanomaly
68, 23.941, 107.687

Deuteranomaly
68, 20.041, 91.354

Tritanomaly
68, 6.367, 155.213

Monochromacy



Original Color
68, 26.409, 126.286

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.237, 126.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.409, 126.286 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(152, 173, 127)` looks like.

```
.text, #text, p{  
    color:rgb(152, 173, 127)  
}
```

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(152, 173, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 173, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.409, 126.286 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(152, 173, 127) }
```

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

```
.border{ border-color:rgb(152, 173, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 173, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 173, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 173, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 173,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.409, 126.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 173, 127) }
```

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

```
.background{ background-color: rgb(152,  
173, 127) }
```

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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