

Converting Colors

CIELCh(67, 17.879, 126.513)

Have a look what the booklet for
CIELCh(67, 17.879, 126.513)
contains.

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Color

CIELCh(67, 17.899, 126.508)

Conversions

Conversions Part 1

Format	Color
Hex	9AA889
RGB	154, 168, 137
RGB Percent	60%, 66%, 54%
CMY	0.3965, 0.3416, 0.4631
CMYK	0.08, 0.00, 0.18, 0.34
HSL	87°, 15%, 60%
HSV	87°, 18%, 66%
XYZ	31.8002, 36.6320, 29.0252
YIQ	160.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

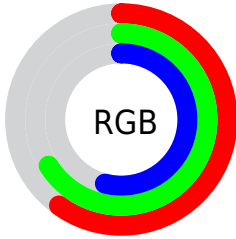
Format	Color
RYB	137, 168, 151
Decimal	10135689
CIELab	67.00, -10.65, 14.39
CIELCh	67, 17.899, 126.508
Yxy	36.6320, 0.3263, 0.3759
Android (android.graphics.Color)	4288325769 (0xFF9AA889)
YUV	160.2800, -11.4770, -5.5076
Hunter-Lab	60.5244, -12.1318, 13.9338

Details

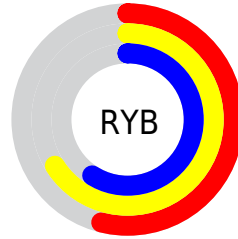
The CIELCh color $67, 17.899, 126.508$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 18.398, 308.255$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 17.968, 125.669$, and $47, 17.881, 126.106$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.541, 126.020$, and if you desaturate by 10%, it is $68, 8.199, 126.991$.

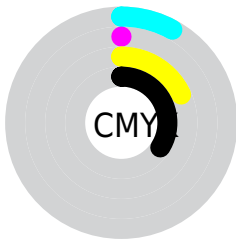
Distribution



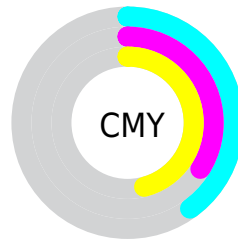
- Red (60%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)



- Cyan (40%)
- Magenta (34%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.899, 126.508 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 67, 17.899, 126.508 by changing the saturation by 10% instead.

 67, 17.899,
126.508

 67, 17.899,
126.508

 100, 17.899,
126.508

 57, 17.899,
126.508

 87, 17.899,
126.508

 47, 17.899,
126.508

 97, 17.899,
126.508

 37, 17.899,
126.508

 27, 17.899,
126.508

 17, 17.899,
126.508

 7, 17.899, 126.508

 0, 17.899, 126.508

67, 17.899,
126.508

67, 17.899,
126.508

66, 27.541,
126.020

68, 8.199, 126.991

65, 37.020,
125.537

69, 1.496, 307.370

65, 46.195,
125.094

70, 11.136,
307.840

64, 54.861,
124.746

71, 20.683,
308.228

63, 62.722,
124.570

72, 30.115,
308.580

63, 69.400,
124.675

74, 39.412,
308.898

62, 74.491,
125.181

75, 48.564,
309.184

62, 77.947,

76, 49.442,
311.941

126.100

77, 50.143,
314.756

62, 78.441,
126.237

Harmonies

Complementary

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



67, 17.899, 126.508



59, 18.398, 308.255

Rectangle

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



67, 17.899, 126.508



67, 17.899, 176.508



67, 17.899, 306.508



67, 17.899, 356.508

Sweetspot

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



67, 17.901, 126.511



87, 7.218, 127.104



64, 10.415, 67.710



46, 4.782, 127.074



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 17.901, 126.511



85, 26.495, 126.318



66, 20.656, 142.036



35, 5.494, 126.952



55, 71.352, 126.065



5, 10.208, 129.990

Inverse Universe

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



59, 18.398, 308.255



73, 27.398, 308.468



61, 20.708, 324.024



33, 5.575, 307.784



21, 83.828, 311.050



1, 9.928, 305.089

Previews

White Background



This preview shows how the CIELCh color 67, 17.899, 126.508 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 67, 17.899, 126.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

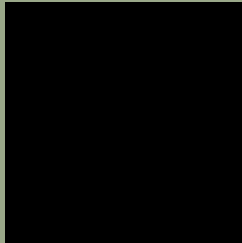
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

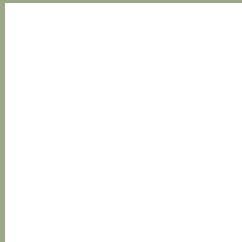
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 17.899, 126.508

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.899, 126.508.



This preview shows how white text looks on a background with the CIELCh color 67, 17.899, 126.508.

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
67, 17.899, 126.508

Protanopia
67, 15.923, 93.685

Deuteranopia
67, 15.889, 58.484



Tritanopia
67, 6.702, 281.426

Trichromacy



Original Color
67, 17.899, 126.508

Protanomaly
67, 15.913, 107.044

Deuteranomaly
67, 13.889, 84.657

Tritanomaly
67, 3.468, 159.770

Monochromacy



Original Color
67, 17.899, 126.508

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.383, 127.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.899, 126.508 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(154, 168, 137)` looks like.

```
.text, #text, p{  
    color:rgb(154, 168, 137)  
}
```

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(154, 168, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 168, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.899, 126.508 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(154, 168, 137) }
```

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

```
.border{ border-color:rgb(154, 168, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 168, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 168, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 168, 137);  
box-shadow:4px 4px 4px 4px rgb(154, 168,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.899, 126.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 168, 137) }
```

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

```
.background{ background-color: rgb(154,  
168, 137) }
```

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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