

Converting Colors

CIELCh(67, 7.973, 135.188)

Have a look what the booklet for
CIELCh(67, 7.973, 135.188) contains.

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Color

CIELCh(67, 7.981, 135.183)

Conversions

Conversions Part 1

Format	Color
Hex	9DA699
RGB	157, 166, 153
RGB Percent	62%, 65%, 60%
CMY	0.3852, 0.3499, 0.4008
CMYK	0.05, 0.00, 0.08, 0.35
HSL	102°, 7%, 62%
HSV	102°, 8%, 65%
XYZ	33.1907, 36.6320, 35.3647
YIQ	161.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

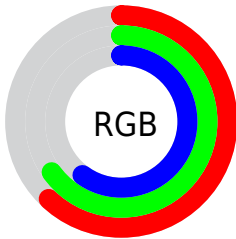
Format	Color
RYB	153, 166, 162
Decimal	10331801
CIELab	67.00, -5.66, 5.63
CIElCh	67, 7.981, 135.183
Yxy	36.6320, 0.3155, 0.3483
Android (android.graphics.Color)	4288521881 (0xFF9DA699)
YUV	161.8270, -4.3517, -4.2333
Hunter-Lab	60.5244, -8.0308, 7.7235

Details

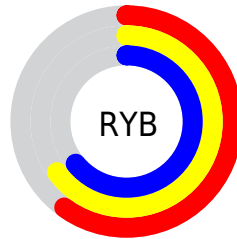
The CIELCh color $67, 7.981, 135.183$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.042, 315.793$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.032, 133.656$, and $47, 7.839, 134.259$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.230, 134.715$, and if you desaturate by 10%, it is $68, 2.196, 315.507$.

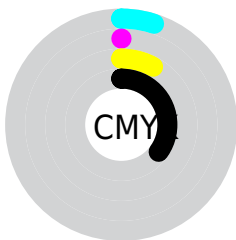
Distribution



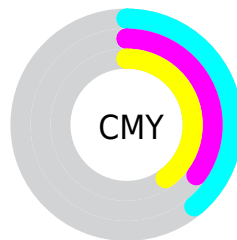
- Red (62%)
- Green (65%)
- Blue (60%)



- Red (60%)
- Yellow (65%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.981, 135.183 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, 7.981, 135.183 by changing the saturation by 10% instead.

■ 67, 7.981, 135.183

■ 67, 7.981, 135.183

■ 100, 7.981,
135.183

■ 57, 7.981, 135.183

■ 87, 7.981, 135.183

■ 47, 7.981, 135.183

■ 97, 7.981, 135.183

■ 37, 7.981, 135.183

■ 27, 7.981, 135.183

■ 17, 7.981, 135.183

■ 7, 7.981, 135.183

■ 0, 7.981, 135.183

■ 67, 7.981, 135.183

■ 67, 7.981, 135.183

■ 66, 18.230,

■ 68, 2.196, 315.507

134.715

70, 12.246,
315.928

65, 28.460,
134.209

71, 22.126,
316.251

64, 38.557,
133.672

73, 31.809,
316.529

63, 48.355,
133.130

75, 41.277,
316.769

62, 57.630,
132.627

76, 50.520,
316.975

61, 66.071,
132.240

78, 53.152,
320.360

61, 73.285,
132.075

79, 54.705,
324.249

60, 78.848,
132.257

79, 55.661,
326.341

60, 82.616,
132.804

Harmonies

Complementary

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



67, 7.981, 135.183



64, 8.042, 315.793

Rectangle

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



67, 7.981, 135.183



67, 7.981, 185.183



67, 7.981, 315.183



67, 7.981, 5.183

Sweetspot

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



67, 7.983, 135.186



86, 2.518, 135.486



67, 5.138, 91.452



46, 1.443, 135.495



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, 7.983, 135.186



85, 11.403, 135.125



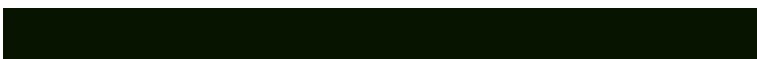
67, 7.720, 149.498



35, 5.837, 135.119



54, 76.523, 132.779



5, 10.767, 136.840

Inverse Universe

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



64, 8.042, 315.793



81, 11.496, 315.851



65, 7.743, 330.390



33, 5.884, 315.857



27, 79.812, 317.292



1, 10.433, 313.044

Previews

White Background



This preview shows how the CIELCh color 67, 7.981, 135.183 looks on a white background.

Color Contrast Check

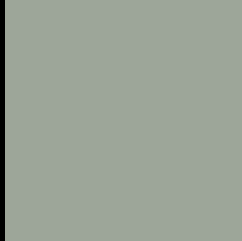
Large Text (above 18pt) WCAG AA × Fail

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, 7.981, 135.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

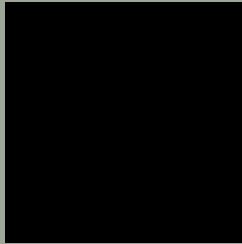
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 7.981, 135.183

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.981, 135.183.



This preview shows how white text looks on a background with the CIELCh color 67, 7.981, 135.183.

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, 7.981, 135.183

Protanopia

67, 6.637, 85.061

Deuteranopia

67, 10.016, 29.690



Tritanopia
67, 7.215, 285.099

Trichromacy



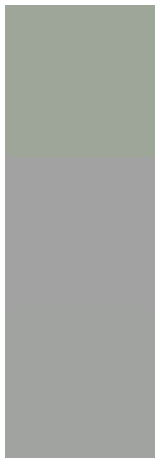
Original Color
67, 7.981, 135.183

Protanomaly
67, 6.096, 102.182

Deuteranomaly
67, 6.063, 52.673

Tritanomaly
67, 2.651, 256.127

Monochromacy



Original Color
67, 7.981, 135.183

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.492, 137.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.981, 135.183 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(157, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(157, 166, 153)  
}
```

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(157, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 166, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.981, 135.183 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(157, 166, 153) }
```

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

```
.border{ border-color:rgb(157, 166, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(157, 166,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.981, 135.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 166, 153) }
```

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

```
.background{ background-color: rgb(157,  
166, 153) }
```

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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