

Converting Colors

CIELCh(67, 8.851, 144.464)

Have a look what the booklet for
CIELCh(67, 8.851, 144.464) contains.

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Color

CIELCh(67, 8.991, 145.957)

Conversions

Conversions Part 1

Format	Color
Hex	99A79A
RGB	153, 167, 154
RGB Percent	60%, 65%, 60%
CMY	0.4009, 0.3460, 0.3969
CMYK	0.08, 0.00, 0.08, 0.35
HSL	124°, 7%, 63%
HSV	124°, 8%, 65%
XYZ	32.6874, 36.6320, 35.8236
YIQ	161.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

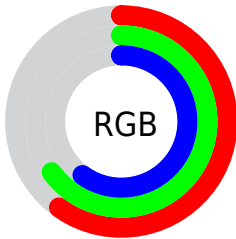
Format	Color
RYB	153, 166, 167
Decimal	10069914
CIELab	67.00, -7.45, 5.03
CIElCh	67, 8.991, 145.957
Yxy	36.6320, 0.3109, 0.3484
Android (android.graphics.Color)	4288259994 (0xFF99A79A)
YUV	161.3320, -3.6147, -7.3072
Hunter-Lab	60.5244, -9.5151, 7.2740

Details

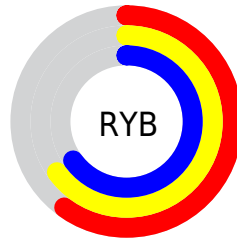
The CIELCh color $67, 8.991, 145.957$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 9.011, 326.864$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.155, 145.918$, and $47, 8.916, 145.948$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.808, 145.262$, and if you desaturate by 10%, it is $69, 1.716, 326.371$.

Distribution



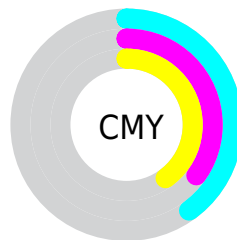
- Red (60%)
- Green (65%)
- Blue (60%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.991, 145.957 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, 8.991, 145.957 by changing the saturation by 10% instead.

■ 67, 8.991, 145.957

■ 67, 8.991, 145.957

■ 100, 8.991,
145.957

■ 57, 8.991, 145.957

■ 87, 8.991, 145.957

■ 47, 8.991, 145.957

■ 97, 8.991, 145.957

■ 37, 8.991, 145.957

■ 27, 8.991, 145.957

■ 17, 8.991, 145.957

■ 7, 8.991, 145.957

■ 0, 8.991, 145.957

■ 67, 8.991, 145.957

■ 67, 8.991, 145.957

■ 65, 19.808,

■ 69, 1.716, 326.371

145.262

71, 12.224,
326.987

64, 30.597,
144.464

73, 22.466,
327.419

63, 41.183,
143.541

75, 32.405,
327.787

62, 51.342,
142.489

77, 42.021,
328.102

61, 60.805,
141.316

79, 51.308,
328.375

60, 69.263,
140.060

80, 55.059,
326.321

60, 76.376,
138.795

60, 81.807,
137.635

60, 85.360,
136.755

Harmonies

Complementary

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



67, 8.991, 145.957



65, 9.011, 326.864

Rectangle

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



67, 8.991, 145.957



67, 8.991, 195.957



67, 8.991, 325.957



67, 8.991, 15.957

Sweetspot

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



67, 8.993, 145.957



86, 3.957, 146.325



68, 7.685, 112.091



46, 3.027, 146.264



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, 8.993, 145.957



85, 13.277, 145.838



67, 6.283, 166.747



35, 6.112, 145.898



53, 78.357, 136.766



5, 11.190, 146.138

Inverse Universe

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



65, 9.011, 326.864



81, 13.301, 326.969



64, 6.378, 348.075



33, 6.123, 326.917



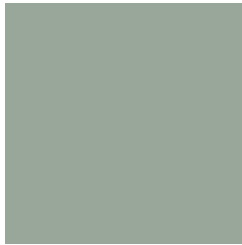
34, 72.867, 331.239



2, 10.907, 327.227

Previews

White Background



This preview shows how the CIELCh color 67, 8.991, 145.957 looks on a white background.

Color Contrast Check

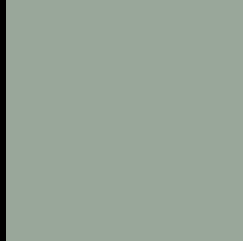
Large Text (above 18pt) WCAG AA × Fail

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, 8.991, 145.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

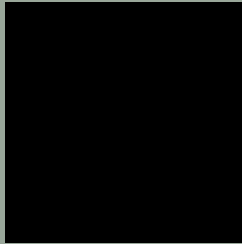
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

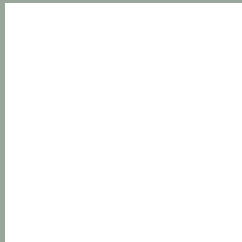
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.991, 145.957

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.991, 145.957.



This preview shows how white text looks on a background with the CIELCh color 67, 8.991, 145.957.

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
67, 7.573, 271.296

Trichromacy



Original Color
67, 8.991, 145.957

Protanomaly
67, 6.653, 116.192

Deuteranomaly
67, 5.099, 59.905

Tritanomaly
67, 3.967, 233.205

Monochromacy



Original Color
67, 8.991, 145.957

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.370, 144.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.991, 145.957 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(153, 167, 154)` looks like.

```
.text, #text, p{  
    color:rgb(153, 167, 154)  
}
```

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(153, 167, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 167, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.991, 145.957 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(153, 167, 154) }
```

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

```
.border{ border-color:rgb(153, 167, 154) }
```

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

Here you see how a box with a 4 pixel rgb(153, 167, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 167, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 167, 154);  
box-shadow:4px 4px 4px 4px rgb(153, 167,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.991, 145.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 167, 154) }
```

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

```
.background{ background-color: rgb(153,  
167, 154) }
```

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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