

Converting Colors

CIELCh(67, 8.165, 129.744)

Have a look what the booklet for
CIELCh(67, 8.165, 129.744) contains.

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Color

CIELCh(67, 8.324, 131.189)

Conversions

Conversions Part 1

Format	Color
Hex	9EA698
RGB	158, 166, 152
RGB Percent	62%, 65%, 60%
CMY	0.3818, 0.3504, 0.4053
CMYK	0.05, 0.00, 0.08, 0.35
HSL	94°, 7%, 62%
HSV	94°, 8%, 65%
XYZ	33.2415, 36.6320, 34.8741
YIQ	162.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

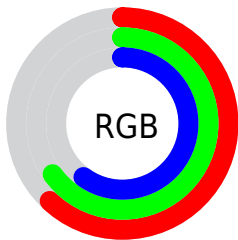
Format	Color
RYB	152, 166, 160
Decimal	10397336
CIELab	67.00, -5.48, 6.26
CIELCh	67, 8.324, 131.189
Yxy	36.6320, 0.3173, 0.3497
Android (android.graphics.Color)	4288587416 (0xFF9EA698)
YUV	162.0120, -4.9359, -3.5185
Hunter-Lab	60.5244, -7.8809, 8.2042

Details

The CIELCh color $67, 8.324, 131.189$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.415, 311.864$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.372, 129.950$, and $47, 8.214, 129.943$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.219, 130.738$, and if you desaturate by 10%, it is $68, 1.531, 311.510$.

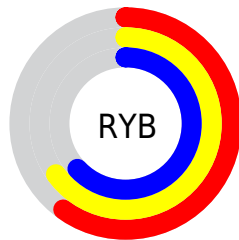
Distribution



Red (62%)

Green (65%)

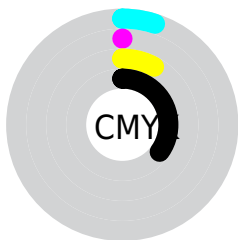
Blue (60%)



Red (60%)

Yellow (65%)

Blue (63%)

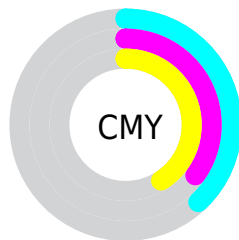


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.324, 131.189 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, 8.324, 131.189 by changing the saturation by 10% instead.

67, 8.324, 131.189

67, 8.324, 131.189

100, 8.324,
131.189

57, 8.324, 131.189

87, 8.324, 131.189

47, 8.324, 131.189

97, 8.324, 131.189

37, 8.324, 131.189

27, 8.324, 131.189

17, 8.324, 131.189

7, 8.324, 131.189

0, 8.324, 131.189

67, 8.324, 131.189

67, 8.324, 131.189

66, 18.219,

68, 1.531, 311.510

130.738

69, 11.299,
311.953

65, 28.072,
130.263

71, 20.941,
312.293

64, 37.781,
129.780

72, 30.429,
312.594

63, 47.195,
129.321

74, 39.746,
312.859

62, 56.102,
128.936

75, 48.882,
313.091

62, 64.205,
128.706

76, 51.730,
315.731

61, 71.123,
128.740

77, 52.779,
319.073

61, 76.449,
129.161

78, 53.983,
322.326

60, 80.123,
129.970

Harmonies

Complementary

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



67, 8.324, 131.189



64, 8.415, 311.864

Rectangle

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



67, 8.324, 131.189



67, 8.324, 181.189



67, 8.324, 311.189



67, 8.324, 1.189

Sweetspot

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



67, 8.326, 131.193



85, 3.631, 131.446



66, 4.965, 81.177



45, 2.750, 131.405



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 8.326, 131.193



84, 12.153, 131.115



67, 9.033, 145.816



34, 5.508, 131.157



53, 73.141, 129.913



4, 8.661, 132.880

Inverse Universe

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



64, 8.415, 311.864



80, 12.302, 311.941



64, 9.051, 326.727



32, 5.571, 311.900



23, 80.695, 313.859



1, 8.471, 309.684

Previews

White Background



This preview shows how the CIELCh color 67, 8.324, 131.189 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, 8.324, 131.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

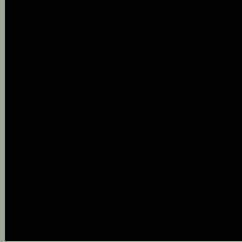
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

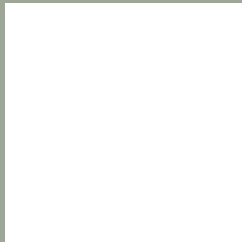
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.324, 131.189

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.324, 131.189.



This preview shows how white text looks on a background with the CIELCh color 67, 8.324, 131.189.

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, 8.324, 131.189

Protanopia

67, 7.145, 86.791

Deuteranopia

67, 10.147, 32.710



Tritanopia
67, 7.193, 288.004

Trichromacy



Original Color
67, 8.324, 131.189

Protanomaly
67, 6.643, 102.717

Deuteranomaly
67, 6.389, 56.733

Tritanomaly
67, 2.467, 263.374

Monochromacy



Original Color
67, 8.324, 131.189

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.994, 132.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.324, 131.189 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(158, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 152)  
}
```

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(158, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.324, 131.189 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(158, 166, 152) }
```

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

```
.border{ border-color:rgb(158, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 166,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.324, 131.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 152) }
```

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

```
.background{ background-color: rgb(158,  
166, 152) }
```

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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