

Converting Colors

CIELCh(68, 9.112, 183.845)

Have a look what the booklet for
CIELCh(68, 9.112, 183.845) contains.

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Color

CIELCh(68, 9.309, 181.415)

Conversions

Conversions Part 1

Format	Color
Hex	93ABA6
RGB	147, 171, 166
RGB Percent	58%, 67%, 65%
CMY	0.4244, 0.3303, 0.3499
CMYK	0.14, 0.00, 0.03, 0.33
HSL	167°, 12%, 62%
HSV	167°, 14%, 67%
XYZ	33.3793, 37.9720, 41.5423
YIQ	163.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

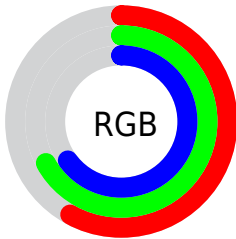
Format	Color
RYB	147, 160, 171
Decimal	9677734
CIELab	68.00, -9.31, -0.23
CIElCh	68, 9.309, 181.415
Yxy	37.9720, 0.2957, 0.3364
Android (android.graphics.Color)	4287867814 (0xFF93ABA6)
YUV	163.2540, 1.3538, -14.2548
Hunter-Lab	61.6215, -11.1472, 3.1645

Details

The CIELCh color `68, 9.309, 181.415` is a light color, and the websafe version is hex `999999`. A complement of this color would be `63, 9.822, 3.914`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 9.203, 182.320`, and `48, 9.507, 180.272` is the 20% darker color. If you saturate the color by 10%, you get `67, 15.668, 180.443`, and if you desaturate by 10%, it is `69, 2.715, 182.424`.

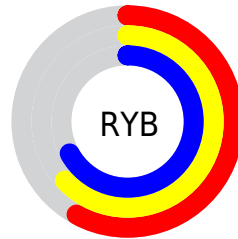
Distribution



Red (58%)

Green (67%)

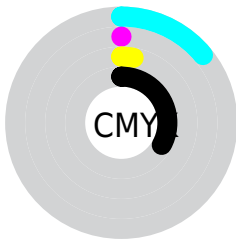
Blue (65%)



Red (58%)

Yellow (63%)

Blue (67%)

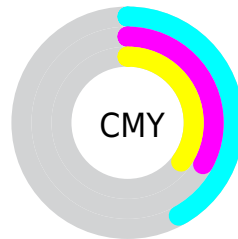


Cyan (14%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.309, 181.415 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, 9.309, 181.415 by changing the saturation by 10% instead.

68, 9.309, 181.415

68, 9.309, 181.415

100, 9.309,
181.415

58, 9.309, 181.415

88, 9.309, 181.415

48, 9.309, 181.415

98, 9.309, 181.415

38, 9.309, 181.415

28, 9.309, 181.415

18, 9.309, 181.415

8, 9.309, 181.415

0, 9.309, 181.415

68, 9.309, 181.415

68, 9.309, 181.415

67, 15.668,

69, 2.715, 182.424

180.443

71, 4.028, 3.004

66, 21.685,
179.430

72, 10.843, 3.898

65, 27.252,
178.348

74, 17.668, 4.707

64, 32.262,
177.178

76, 24.456, 5.480

63, 36.619,
175.898

78, 33.619, 4.378

63, 40.259,
174.485

79, 34.023, 1.287

79, 34.533,
358.284

63, 43.157,
172.917

62, 45.349,
171.181

62, 46.466,
170.122

Harmonies

Complementary

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



68, 9.309, 181.415



63, 9.822, 3.914

Rectangle

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



68, 9.309, 181.415



68, 9.309, 231.415



68, 9.309, 1.415



68, 9.309, 51.415

Sweetspot

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



68, 9.310, 181.408



88, 3.316, 182.421



68, 15.096, 137.674



47, 2.374, 182.331



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, 9.310, 181.408



86, 13.867, 181.098



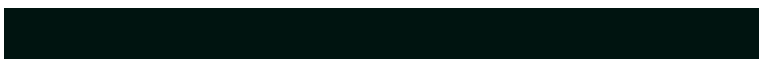
66, 7.213, 230.554



35, 3.728, 181.867



54, 41.674, 170.362



5, 7.096, 177.997

Inverse Universe

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



63, 9.822, 3.914



78, 14.820, 4.279



65, 7.808, 48.658



33, 3.862, 3.400



30, 61.040, 27.748



1, 6.814, 4.834

Previews

White Background



This preview shows how the CIELCh color 68, 9.309, 181.415 looks on a white background.

Color Contrast Check

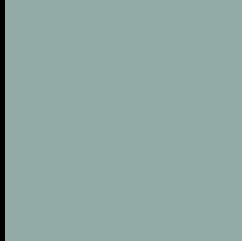
Large Text (above 18pt) WCAG AA × Fail

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, 9.309, 181.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

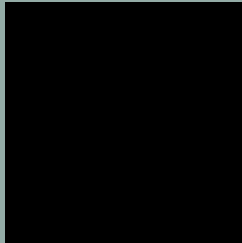
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 9.309, 181.415

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.309, 181.415.



This preview shows how white text looks on a background with the CIELCh color 68, 9.309, 181.415.

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, 9.874, 250.659

Trichromacy



Original Color
68, 9.309, 181.415

Protanomaly
68, 3.178, 155.515

Deuteranomaly
68, 2.260, 332.365

Tritanomaly
68, 8.076, 227.537

Monochromacy



Original Color
68, 9.309, 181.415

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.569, 181.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.309, 181.415 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(147, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(147, 171, 166)  
}
```

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(147, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 171, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.309, 181.415 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(147, 171, 166) }
```

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

```
.border{ border-color:rgb(147, 171, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(147, 171,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.309, 181.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 171, 166) }
```

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

```
.background{ background-color: rgb(147,  
171, 166) }
```

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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