

Converting Colors

CIELCh(68, 9.039, 177.492)

Have a look what the booklet for
CIELCh(68, 9.039, 177.492) contains.

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Color

CIELCh(68, 9.182, 177.547)

Conversions

Conversions Part 1

Format	Color
Hex	94ABA5
RGB	148, 171, 165
RGB Percent	58%, 67%, 65%
CMY	0.4209, 0.3307, 0.3542
CMYK	0.13, 0.00, 0.04, 0.33
HSL	164°, 12%, 62%
HSV	164°, 13%, 67%
XYZ	33.4169, 37.9720, 41.0094
YIQ	163.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

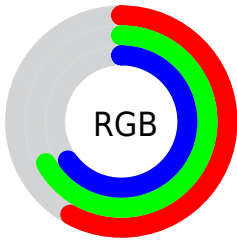
Format	Color
RYB	148, 161, 171
Decimal	9743269
CIELab	68.00, -9.17, 0.39
CIElCh	68, 9.182, 177.547
Yxy	37.9720, 0.2973, 0.3378
Android (android.graphics.Color)	4287933349 (0xFF94ABA5)
YUV	163.4390, 0.7696, -13.5400
Hunter-Lab	61.6215, -11.0382, 3.6772

Details

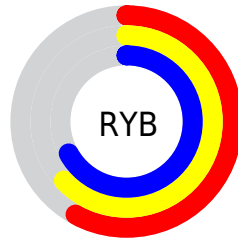
The CIELCh color $68, 9.182, 177.547$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 9.591, 359.982$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 9.066, 178.599$, and $48, 9.398, 176.250$ is the 20% darker color. If you saturate the color by 10%, you get $67, 15.785, 176.539$, and if you desaturate by 10%, it is $69, 2.386, 178.598$.

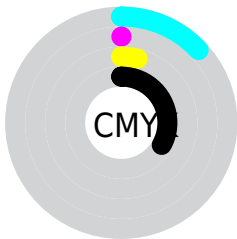
Distribution



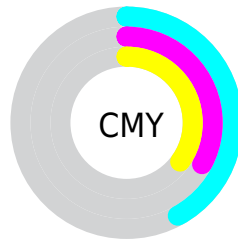
- Red (58%)
- Green (67%)
- Blue (65%)



- Red (58%)
- Yellow (63%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.182, 177.547 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, 9.182, 177.547 by changing the saturation by 10% instead.

■ 68, 9.182, 177.547

■ 68, 9.182, 177.547

■ 100, 9.182,
177.547

■ 58, 9.182, 177.547

■ 88, 9.182, 177.547

■ 48, 9.182, 177.547

■ 98, 9.182, 177.547

■ 38, 9.182, 177.547

■ 28, 9.182, 177.547

■ 18, 9.182, 177.547

■ 8, 9.182, 177.547

■ 0, 9.182, 177.547

■ 68, 9.182, 177.547

■ 68, 9.182, 177.547

■ 67, 15.785,

■ 69, 2.386, 178.598

176.539

71, 4.518, 359.190

66, 22.091,
175.476

72, 11.456, 0.077

65, 27.988,
174.327

74, 18.369, 0.882

64, 33.365,
173.070

76, 25.216, 1.647

63, 38.122,
171.683

79, 34.296,
359.875

63, 42.186,
170.142

79, 35.008,
356.197

62, 45.523,
168.425

79, 35.872,
352.694

62, 48.161,
166.521

62, 49.657,
165.243

Harmonies

Complementary

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



68, 9.182, 177.547



63, 9.591, 359.982

Rectangle

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



68, 9.182, 177.547



68, 9.182, 227.547



68, 9.182, 357.547



68, 9.182, 47.547

Sweetspot

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



68, 9.183, 177.541



88, 3.400, 178.517



68, 14.249, 136.196



47, 2.435, 178.427



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, 9.183, 177.541



86, 13.454, 177.263



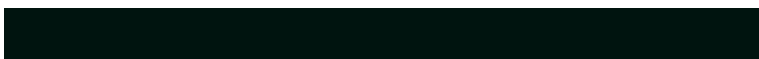
67, 7.003, 224.107



35, 3.829, 177.956



54, 44.524, 165.507



5, 7.335, 173.805

Inverse Universe

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



63, 9.591, 359.982



79, 14.183, 0.294



65, 7.600, 42.908



33, 3.946, 359.529



30, 59.209, 23.446



1, 6.941, 1.392

Previews

White Background



This preview shows how the CIELCh color 68, 9.182, 177.547 looks on a white background.

Color Contrast Check

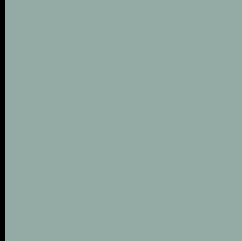
Large Text (above 18pt) WCAG AA × Fail

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, 9.182, 177.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

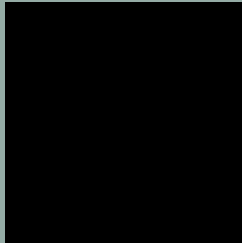
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

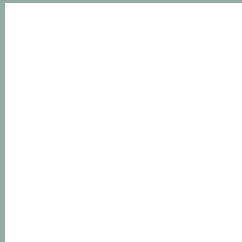
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 9.182, 177.547

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.182, 177.547.



This preview shows how white text looks on a background with the CIELCh color 68, 9.182, 177.547.

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

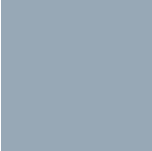
68, 9.182, 177.547

Protanopia

68, 2.664, 74.735

Deuteranopia

68, 8.936, 354.739



Tritanopia
68, 9.664, 252.264

Trichromacy



Original Color
68, 9.182, 177.547

Protanomaly
68, 3.587, 149.249

Deuteranomaly
68, 2.209, 349.495

Tritanomaly
68, 7.773, 228.785

Monochromacy



Original Color
68, 9.182, 177.547

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, 9.182, 177.547 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(148, 171, 165)` looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 165)  
}
```

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(148, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.182, 177.547 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(148, 171, 165) }
```

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

```
.border{ border-color:rgb(148, 171, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 171, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.182, 177.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 171, 165) }
```

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

```
.background{ background-color: rgb(148,  
171, 165) }
```

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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