

Converting Colors

CIELCh(68, 10.006, 191.505)

Have a look what the booklet for
CIELCh(68, 10.006, 191.505)
contains.

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Color

CIELCh(68, 9.904, 192.195)

Conversions

Conversions Part 1

Format	Color
Hex	90ABA9
RGB	144, 171, 169
RGB Percent	56%, 67%, 66%
CMY	0.4349, 0.3290, 0.3368
CMYK	0.16, 0.00, 0.01, 0.33
HSL	176°, 14%, 62%
HSV	176°, 16%, 67%
XYZ	33.2731, 37.9720, 43.1629
YIQ	162.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

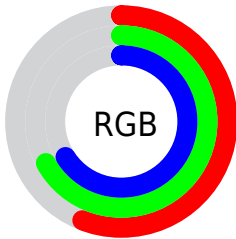
Format	Color
RYB	144, 158, 171
Decimal	9481129
CIELab	68.00, -9.68, -2.09
CIElCh	68, 9.904, 192.195
Yxy	37.9720, 0.2908, 0.3319
Android (android.graphics.Color)	4287671209 (0xFF90ABA9)
YUV	162.6990, 3.1064, -16.3990
Hunter-Lab	61.6215, -11.4547, 1.6052

Details

The CIELCh color $68, 9.904, 192.195$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 10.797, 14.531$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 9.815, 192.655$, and $48, 10.058, 191.556$ is the 20% darker color. If you saturate the color by 10%, you get $67, 15.749, 191.462$, and if you desaturate by 10%, it is $69, 3.706, 192.978$.

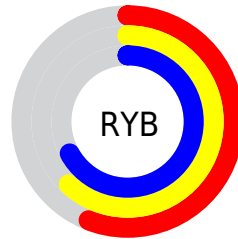
Distribution



Red (56%)

Green (67%)

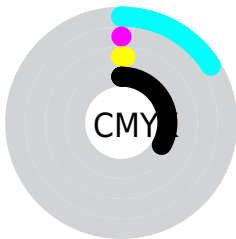
Blue (66%)



Red (56%)

Yellow (62%)

Blue (67%)

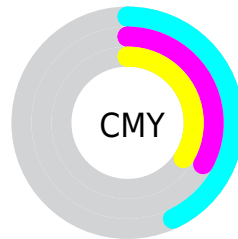


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (43%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.904, 192.195 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, 9.904, 192.195 by changing the saturation by 10% instead.

■ 68, 9.904, 192.195

■ 68, 9.904, 192.195

■ 100, 9.904,
192.195

■ 58, 9.904, 192.195

■ 88, 9.904, 192.195

■ 48, 9.904, 192.195

■ 98, 9.904, 192.195

■ 38, 9.904, 192.195

■ 28, 9.904, 192.195

■ 18, 9.904, 192.195

■ 8, 9.904, 192.195

■ 0, 9.904, 192.195

■ 68, 9.904, 192.195

■ 68, 9.904, 192.195

■ 67, 15.749,

■ 69, 3.706, 192.978

191.462

71, 2.752, 13.384

66, 21.134,
190.746

72, 9.387, 14.218

65, 25.959,
190.031

74, 16.127, 14.947

64, 30.125,
189.308

75, 22.916, 15.658

64, 33.559,
188.566

78, 32.955, 16.089

64, 36.217,
187.794

78, 32.939, 14.929

78, 32.938, 13.768

63, 38.100,
186.975

63, 39.274,
186.097

63, 39.675,
185.723

Harmonies

Complementary

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



68, 9.904, 192.195



62, 10.797, 14.531

Rectangle

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



68, 9.904, 192.195



68, 9.904, 242.195



68, 9.904, 12.195



68, 9.904, 62.195

Sweetspot

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



68, 9.905, 192.188



88, 3.964, 193.045



68, 17.722, 141.332



47, 2.723, 192.979



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, 9.905, 192.188



85, 14.599, 191.927



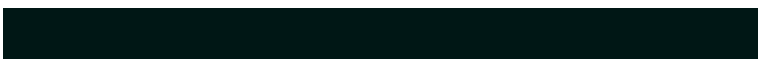
65, 8.342, 247.851



36, 3.644, 192.679



56, 36.064, 185.826



6, 7.911, 190.599

Inverse Universe

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



62, 10.797, 14.531



77, 16.248, 14.898



65, 8.867, 64.208



34, 3.830, 13.911



31, 67.331, 36.390



2, 7.841, 14.383

Previews

White Background



This preview shows how the CIELCh color 68, 9.904, 192.195 looks on a white background.

Color Contrast Check

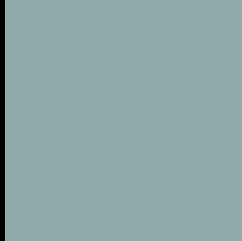
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 9.904, 192.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

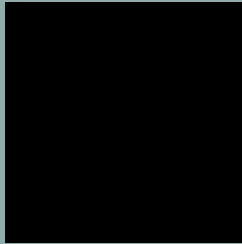
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

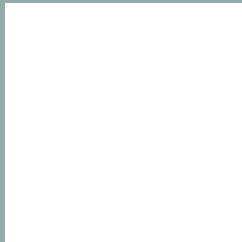
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 9.904, 192.195

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.904, 192.195.

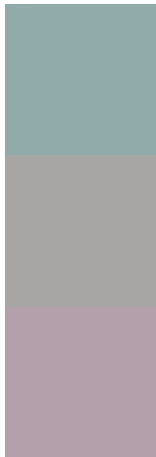


This preview shows how white text looks on a background with the CIELCh color 68, 9.904, 192.195.

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](#).

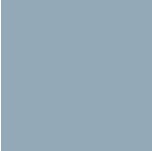
Dichromacy



Original Color
68, 9.904, 192.195

Protanopia
68, 1.140, 19.087

Deuteranopia
68, 9.443, 340.407



Tritanopia
68, 10.764, 244.919

Trichromacy



Original Color
68, 9.904, 192.195

Protanomaly
68, 3.054, 188.901

Deuteranomaly
68, 3.408, 303.220

Tritanomaly
68, 9.507, 226.529

Monochromacy



Original Color
68, 9.904, 192.195

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.788, 190.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.904, 192.195 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(144, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(144, 171, 169)  
}
```

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(144, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 171, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.904, 192.195 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(144, 171, 169) }
```

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

```
.border{ border-color:rgb(144, 171, 169) }
```

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

Here you see how a box with a 4 pixel rgb(144, 171, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(144, 171,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.904, 192.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 171, 169) }
```

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

```
.background{ background-color: rgb(144,  
171, 169) }
```

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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