

Converting Colors

CIELCh(69, 10.216, 190.181)

Have a look what the booklet for
CIELCh(69, 10.216, 190.181)
contains.

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Color

CIELCh(69, 10.334, 189.370)

Conversions

Conversions Part 1

Format	Color
Hex	92AEAB
RGB	146, 174, 171
RGB Percent	57%, 68%, 67%
CMY	0.4273, 0.3175, 0.3292
CMYK	0.16, 0.00, 0.02, 0.32
HSL	174°, 15%, 63%
HSV	174°, 16%, 68%
XYZ	34.3596, 39.3444, 44.3318
YIQ	165.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

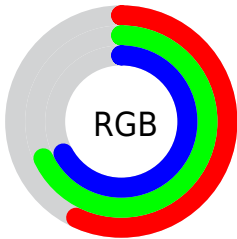
Format	Color
RYB	146, 161, 174
Decimal	9612971
CIELab	69.00, -10.20, -1.68
CIElCh	69, 10.334, 189.370
Yxy	39.3444, 0.2911, 0.3333
Android (android.graphics.Color)	4287803051 (0xFF92AEAB)
YUV	165.2860, 2.8170, -16.9138
Hunter-Lab	62.7251, -11.9900, 2.0036

Details

The CIELCh color **69, 10.334, 189.370** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 11.213, 11.950**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 10.668, 187.436**, and **49, 10.513, 188.600** is the 20% darker color. If you saturate the color by 10%, you get **68, 16.344, 188.555**, and if you desaturate by 10%, it is **70, 3.987, 190.215**.

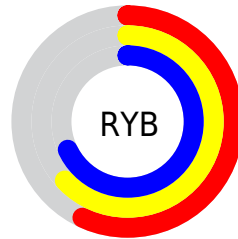
Distribution



Red (57%)

Green (68%)

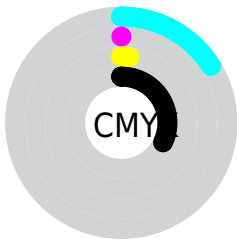
Blue (67%)



Red (57%)

Yellow (63%)

Blue (68%)

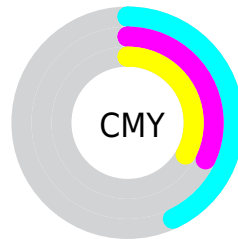


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (32%)



Cyan (43%)


Magenta (32%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.334, 189.370 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 69, 10.334, 189.370 by changing the saturation by 10% instead.


 69, 10.334,
189.370


 69, 10.334,
189.370


 100, 10.334,
189.370


 59, 10.334,
189.370


 89, 10.334,
189.370

 49, 10.334,
189.370

 99, 10.334,
189.370

 39, 10.334,
189.370

 29, 10.334,
189.370

 19, 10.334,
189.370

 9, 10.334, 189.370

 0, 10.334, 189.370

69, 10.334,
189.370

69, 10.334,
189.370

68, 16.344,
188.555

70, 3.987, 190.215

67, 21.909,
187.738

72, 2.602, 10.674

73, 9.350, 11.563

66, 26.922,
186.899

75, 16.185, 12.329

65, 31.284,
186.026

77, 23.051, 13.070

79, 29.904, 13.795

65, 34.916,
185.104

79, 31.699, 12.671

64, 37.768,
184.116

79, 31.749, 10.904

79, 31.832, 9.146

64, 39.842,
183.045

64, 41.205,

181.876

■ 64, 41.656,
181.415

Harmonies

Complementary

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



69, 10.334, 189.370



63, 11.213, 11.950

Rectangle

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



69, 10.334, 189.370



69, 10.334, 239.370



69, 10.334, 9.370



69, 10.334, 59.370

Sweetspot

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



69, 10.335, 189.363



89, 4.069, 190.315



69, 18.128, 140.410



48, 2.795, 190.245



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 10.335, 189.363



87, 15.032, 189.101



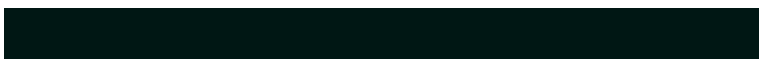
66, 8.482, 243.721



36, 3.675, 189.925



56, 37.367, 181.570



6, 8.013, 186.964

Inverse Universe

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



63, 11.213, 11.950



79, 16.598, 12.302



66, 9.105, 60.302



34, 3.849, 11.263



31, 66.022, 34.688



2, 7.878, 12.169

Previews

White Background



This preview shows how the CIELCh color 69, 10.334, 189.370 looks on a white background.

Color Contrast Check

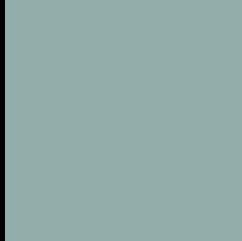
Large Text (above 18pt) WCAG AA × Fail

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 69, 10.334, 189.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

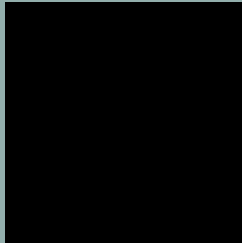
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 10.334, 189.370

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.334, 189.370.

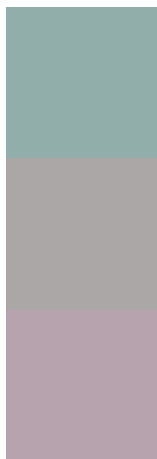


This preview shows how white text looks on a background with the CIELCh color 69, 10.334, 189.370.

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
69, 10.334, 189.370

Protanopia
69, 1.519, 19.221

Deuteranopia
69, 9.078, 343.065



Tritanopia
69, 10.974, 243.605

Trichromacy



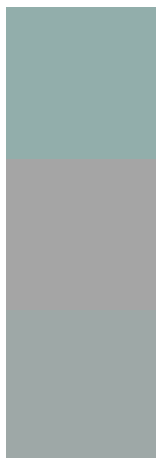
Original Color
69, 10.334, 189.370

Protanomaly
69, 3.203, 179.235

Deuteranomaly
69, 2.864, 305.615

Tritanomaly
69, 9.786, 225.566

Monochromacy



Original Color
69, 10.334, 189.370

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.780, 190.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.334, 189.370 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(146, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 171)  
}
```

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(146, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.334, 189.370 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(146, 174, 171) }
```

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

```
.border{ border-color:rgb(146, 174, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 174, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(146, 174,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.334, 189.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 174, 171) }
```

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

```
.background{ background-color: rgb(146,  
174, 171) }
```

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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