

Converting Colors

CIELCh(69, 10.970, 154.007)

Have a look what the booklet for
CIELCh(69, 10.970, 154.007)
contains.

CIELCh(69, 10.843, 153.502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 10.843, 153.502)

Conversions

Conversions Part 1

Format	Color
Hex	99AD9F
RGB	153, 173, 159
RGB Percent	60%, 68%, 62%
CMY	0.3986, 0.3202, 0.3751
CMYK	0.12, 0.00, 0.08, 0.32
HSL	138°, 11%, 64%
HSV	138°, 12%, 68%
XYZ	34.5023, 39.3444, 38.7354
YIQ	165.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

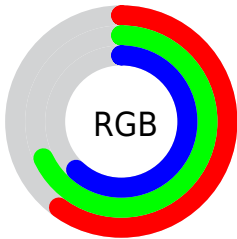
Format	Color
RYB	153, 168, 173
Decimal	10071455
CIELab	69.00, -9.70, 4.84
CIElCh	69, 10.843, 153.502
Yxy	39.3444, 0.3065, 0.3495
Android (android.graphics.Color)	4288261535 (0xFF99AD9F)
YUV	165.4240, -3.1670, -10.8958
Hunter-Lab	62.7251, -11.5841, 7.2935

Details

The CIELCh color $69, 10.843, 153.502$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 10.905, 335.036$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 10.539, 155.033$, and $49, 10.881, 153.844$ is the 20% darker color. If you saturate the color by 10%, you get $68, 20.289, 152.677$, and if you desaturate by 10%, it is $71, 1.435, 154.394$.

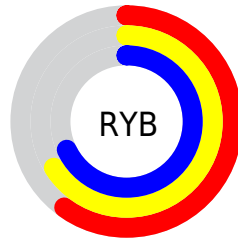
Distribution



Red (60%)

Green (68%)

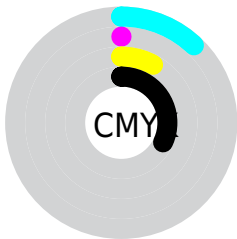
Blue (62%)



Red (60%)

Yellow (66%)

Blue (68%)

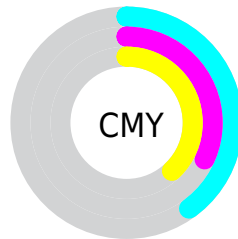


Cyan (12%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (40%)


Magenta (32%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.843, 153.502 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, 10.843, 153.502 by changing the saturation by 10% instead.


 69, 10.843,
153.502


 69, 10.843,
153.502


 100, 10.843,
153.502


 59, 10.843,
153.502


 89, 10.843,
153.502

 49, 10.843,
153.502

 99, 10.843,
153.502

 39, 10.843,
153.502

 29, 10.843,
153.502

 19, 10.843,
153.502

 9, 10.843, 153.502

 0, 10.843, 153.502

69, 10.843,
153.502

69, 10.843,
153.502

68, 20.289,
152.677

71, 1.435, 154.394

66, 29.651,
151.743

72, 7.850, 334.768

65, 38.785,
150.672

74, 16.945,
335.342

64, 47.526,
149.442

76, 25.806,
335.843

63, 55.697,
148.036

78, 34.407,
336.291

63, 63.128,
146.449

80, 42.192,
335.776

62, 69.674,
144.692

81, 46.723,
330.172

62, 75.235,

81, 51.053,
326.187

142.805

 62, 79.229,
141.242

Harmonies

Complementary

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



69, 10.843, 153.502



65, 10.905, 335.036

Rectangle

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



69, 10.843, 153.502



69, 10.843, 203.502



69, 10.843, 333.502



69, 10.843, 23.502

Sweetspot

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



69, 10.845, 153.501



89, 3.455, 154.187



70, 11.134, 120.510



47, 2.619, 154.111



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 10.845, 153.501



87, 16.243, 153.287



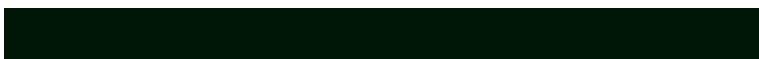
69, 7.800, 181.017



36, 5.314, 153.674



54, 70.981, 141.486



6, 11.666, 152.142

Inverse Universe

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



65, 10.905, 335.036



81, 16.347, 335.231



65, 8.140, 3.024



34, 5.341, 334.874



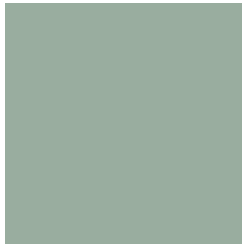
33, 62.464, 344.530



2, 10.499, 338.168

Previews

White Background



This preview shows how the CIELCh color 69, 10.843, 153.502 looks on a white background.

Color Contrast Check

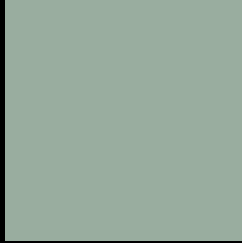
Large Text (above 18pt) WCAG AA × Fail

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, 10.843, 153.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

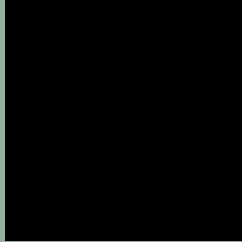
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

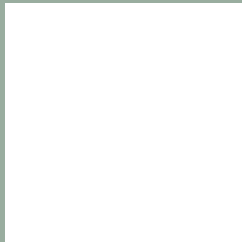
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.843, 153.502

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.843, 153.502.

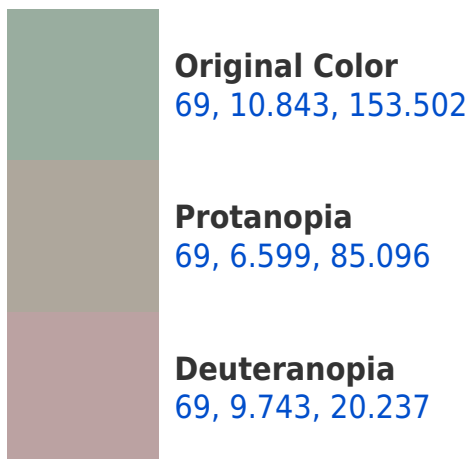


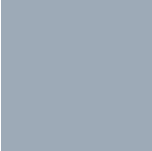
This preview shows how white text looks on a background with the CIELCh color 69, 10.843, 153.502.

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](#).

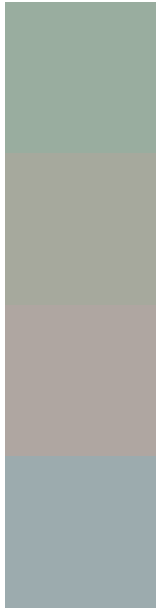
Dichromacy





Tritanopia
69, 8.426, 257.363

Trichromacy



Original Color
69, 10.843, 153.502

Protanomaly
69, 6.677, 119.483

Deuteranomaly
69, 4.411, 57.860

Tritanomaly
69, 5.695, 215.905

Monochromacy



Original Color
69, 10.843, 153.502

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.105, 157.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.843, 153.502 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(153, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 159)  
}
```

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(153, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.843, 153.502 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(153, 173, 159) }
```

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

```
.border{ border-color:rgb(153, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.843, 153.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 159) }
```

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

```
.background{ background-color: rgb(153,  
173, 159) }
```

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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