

Converting Colors

CIELCh(69, 14.180, 151.985)

Have a look what the booklet for
CIELCh(69, 14.180, 151.985)
contains.

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Color

CIELCh(69, 14.410, 152.049)

Conversions

Conversions Part 1

Format	Color
Hex	95AF9C
RGB	149, 175, 156
RGB Percent	58%, 69%, 61%
CMY	0.4165, 0.3145, 0.3890
CMYK	0.15, 0.00, 0.11, 0.31
HSL	136°, 14%, 63%
HSV	136°, 15%, 69%
XYZ	33.6318, 39.3444, 37.1851
YIQ	165.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

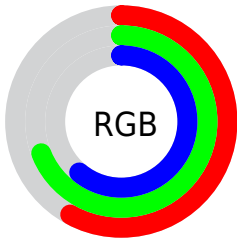
Format	Color
RYB	149, 169, 175
Decimal	9809820
CIELab	69.00, -12.73, 6.75
CIELCh	69, 14.410, 152.049
Yxy	39.3444, 0.3053, 0.3572
Android (android.graphics.Color)	4287999900 (0xFF95AF9C)
YUV	165.0600, -4.4666, -14.0846
Hunter-Lab	62.7251, -14.0612, 8.7589

Details

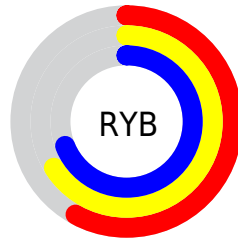
The CIELCh color **69, 14.410, 152.049** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 14.490, 334.035**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 14.929, 151.525**, and **49, 14.676, 152.063** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.134, 151.207**, and if you desaturate by 10%, it is **71, 4.694, 152.815**.

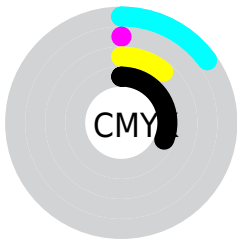
Distribution



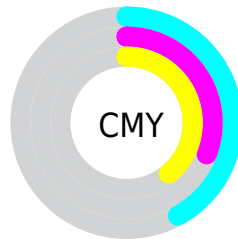
- Red (58%)
- Green (69%)
- Blue (61%)



- Red (58%)
- Yellow (66%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.410, 152.049 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, 14.410, 152.049 by changing the saturation by 10% instead.

 69, 14.410,
152.049


 69, 14.410,
152.049


 100, 14.410,
152.049


 59, 14.410,
152.049


 89, 14.410,
152.049

 49, 14.410,
152.049

 99, 14.410,
152.049

 39, 14.410,
152.049

 29, 14.410,
152.049

 19, 14.410,
152.049

 9, 14.410, 152.049

 0, 14.410, 152.049

69, 14.410,
152.049

69, 14.410,
152.049

68, 24.134,
151.207

71, 4.694, 152.815

66, 33.731,
150.245

72, 4.916, 333.325

65, 43.042,
149.137

74, 14.343,
333.923

64, 51.886,
147.866

76, 23.538,
334.425

64, 60.074,
146.420

78, 32.466,
334.870

63, 67.426,
144.804

80, 41.113,
335.267


63, 73.790,
143.044

81, 46.197,
329.836

62, 79.061,

81, 50.170,
326.157

141.204

 62, 81.411,
140.333

Harmonies

Complementary

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



69, 14.410, 152.049



64, 14.490, 334.035

Rectangle

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



69, 14.410, 152.049



69, 14.410, 202.049



69, 14.410, 332.049



69, 14.410, 22.049

Sweetspot

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



69, 14.412, 152.048



89, 4.761, 152.882



70, 14.403, 119.656



48, 3.414, 152.820



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, 14.412, 152.048



87, 21.588, 151.771



69, 10.162, 179.436



36, 5.436, 152.477



54, 72.485, 140.578



6, 11.878, 151.226

Inverse Universe

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



64, 14.490, 334.035



80, 21.723, 334.278



64, 10.711, 2.152



34, 5.460, 333.645



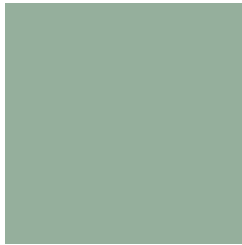
33, 63.729, 342.380



2, 10.767, 336.604

Previews

White Background



This preview shows how the CIELCh color 69, 14.410, 152.049 looks on a white background.

Color Contrast Check

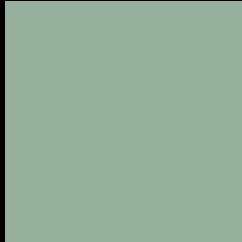
Large Text (above 18pt) WCAG AA × Fail

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, 14.410, 152.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

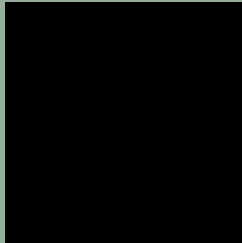
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 14.410, 152.049

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.410, 152.049.



This preview shows how white text looks on a background with the CIELCh color 69, 14.410, 152.049.

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, 14.410, 152.049

Protanopia
69, 8.784, 88.296

Deuteranopia
69, 10.473, 32.255



Tritanopia
69, 9.227, 249.971

Trichromacy



Original Color
69, 14.410, 152.049

Protanomaly
69, 9.509, 121.019

Deuteranomaly
69, 6.101, 83.070

Tritanomaly
69, 7.329, 207.518

Monochromacy



Original Color
69, 14.410, 152.049

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.427, 153.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.410, 152.049 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(149, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(149, 175, 156)  
}
```

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(149, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 175, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.410, 152.049 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(149, 175, 156) }
```

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

```
.border{ border-color:rgb(149, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(149, 175,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.410, 152.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 175, 156) }
```

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

```
.background{ background-color: rgb(149,  
175, 156) }
```

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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