

Converting Colors

CIELCh(69, 15.101, 150.408)

Have a look what the booklet for
CIELCh(69, 15.101, 150.408)
contains.

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Color

CIELCh(69, 14.825, 150.633)

Conversions

Conversions Part 1

Format	Color
Hex	95AF9B
RGB	149, 175, 155
RGB Percent	58%, 69%, 61%
CMY	0.4162, 0.3143, 0.3927
CMYK	0.15, 0.00, 0.11, 0.31
HSL	134°, 14%, 63%
HSV	134°, 15%, 69%
XYZ	33.5774, 39.3444, 36.7748
YIQ	164.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

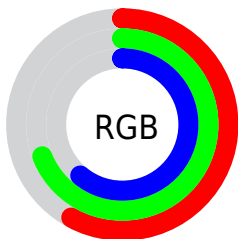
Format	Color
RYB	149, 170, 175
Decimal	9809819
CIELab	69.00, -12.92, 7.27
CIELCh	69, 14.825, 150.633
Yxy	39.3444, 0.3061, 0.3587
Android (android.graphics.Color)	4287999899 (0xFF95AF9B)
YUV	164.9460, -4.9034, -13.9846
Hunter-Lab	62.7251, -14.2161, 9.1467

Details

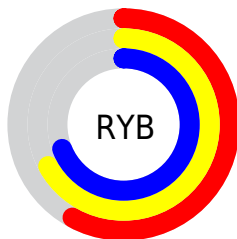
The CIELCh color **69, 14.825, 150.633** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 14.890, 332.555**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 15.325, 150.238**, and **49, 15.119, 150.579** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.841, 149.811**, and if you desaturate by 10%, it is **71, 4.825, 151.378**.

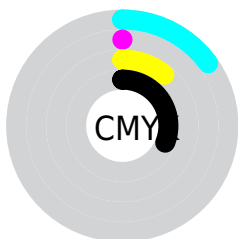
Distribution



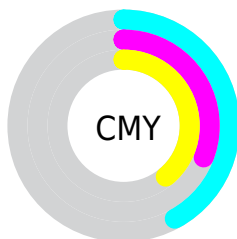
- Red (58%)
- Green (69%)
- Blue (61%)



- Red (58%)
- Yellow (67%)
- 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, 14.825, 150.633 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, 14.825, 150.633 by changing the saturation by 10% instead.

 69, 14.825,
150.633


 69, 14.825,
150.633


 100, 14.825,
150.633

 59, 14.825,
150.633


 89, 14.825,
150.633

 49, 14.825,
150.633

 99, 14.825,
150.633

 39, 14.825,
150.633

 29, 14.825,
150.633

 19, 14.825,
150.633

 9, 14.825, 150.633

 0, 14.825, 150.633

69, 14.825,
150.633

69, 14.825,
150.633

68, 24.841,
149.811

71, 4.825, 151.378

66, 34.731,
148.866

72, 5.059, 331.874

65, 44.329,
147.778

74, 14.749,
332.448

64, 53.442,
146.529

76, 24.192,
332.928

64, 61.863,
145.114

78, 33.358,
333.349

63, 69.391,
143.544

81, 42.230,
333.723


63, 75.846,
141.856

81, 47.675,
328.323

62, 81.086,

81, 50.129,
326.156

140.128

 62, 83.363,
139.333

Harmonies

Complementary

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



69, 14.825, 150.633



64, 14.890, 332.555

Rectangle

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



69, 14.825, 150.633



69, 14.825, 200.633



69, 14.825, 330.633



69, 14.825, 20.633

Sweetspot

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



69, 14.827, 150.632



89, 4.896, 151.441



70, 14.307, 117.667



48, 3.511, 151.382



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, 14.827, 150.632



87, 22.213, 150.362



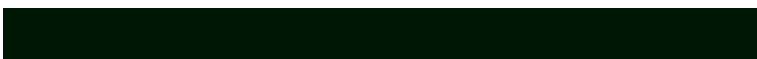
69, 10.456, 175.794



36, 5.591, 151.049



54, 74.230, 139.559



6, 12.149, 150.123

Inverse Universe

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



64, 14.890, 332.555



80, 22.319, 332.787



64, 10.933, 358.538



34, 5.612, 332.182



34, 65.447, 339.854



2, 11.127, 334.689

Previews

White Background



This preview shows how the CIELCh color 69, 14.825, 150.633 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, 14.825, 150.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

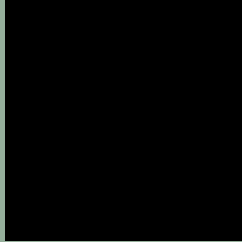
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

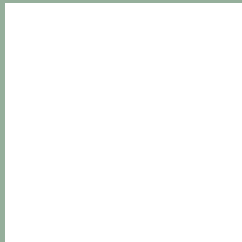
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.825, 150.633

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.825, 150.633.

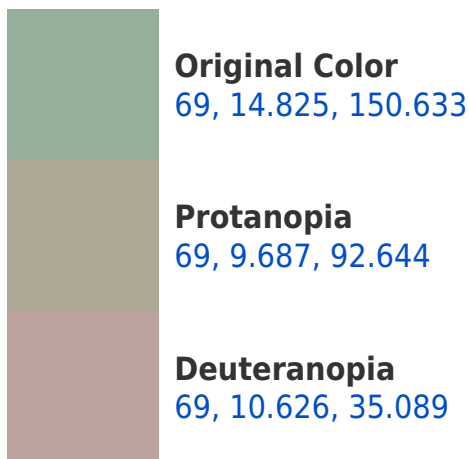


This preview shows how white text looks on a background with the CIELCh color 69, 14.825, 150.633.

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, 9.227, 249.971

Trichromacy



Original Color
69, 14.825, 150.633

Protanomaly
69, 10.044, 120.351

Deuteranomaly
69, 6.599, 85.096

Tritanomaly
69, 7.299, 203.191

Monochromacy



Original Color
69, 14.825, 150.633

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.838, 150.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.825, 150.633 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 175, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 175, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.825, 150.633 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, 155) }
```

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

```
.border{ border-color:rgb(149, 175, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 175, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 175, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 175,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.825, 150.633 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, 155) }
```

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

```
.background{ background-color: rgb(149,  
175, 155) }
```

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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