

Converting Colors

CIELCh(69, 15.476, 129.257)

Have a look what the booklet for
CIELCh(69, 15.476, 129.257)
contains.

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Color

CIELCh(69, 15.750, 129.035)

Conversions

Conversions Part 1

Format	Color
Hex	9FAD92
RGB	159, 173, 146
RGB Percent	62%, 68%, 57%
CMY	0.3764, 0.3215, 0.4274
CMYK	0.08, 0.00, 0.16, 0.32
HSL	91°, 14%, 63%
HSV	91°, 16%, 68%
XYZ	34.4398, 39.3444, 32.9815
YIQ	165.7360, 0.3230, -11.3650

Conversions

Conversions Part 2

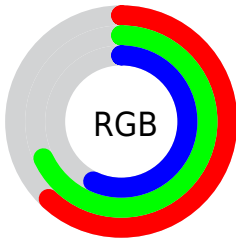
Format	Color
RYB	146, 173, 160
Decimal	10464658
CIELab	69.00, -9.92, 12.23
CIELCh	69, 15.750, 129.035
Yxy	39.3444, 0.3226, 0.3685
Android (android.graphics.Color)	4288654738 (0xFF9FAD92)
YUV	165.7360, -9.7298, -5.9075
Hunter-Lab	62.7251, -11.7618, 12.7323

Details

The CIELCh color $69, 15.750, 129.035$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $63, 16.073, 310.403$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 15.438, 128.527$, and $49, 16.271, 129.487$ is the 20% darker color. If you saturate the color by 10%, you get $68, 25.832, 128.564$, and if you desaturate by 10%, it is $70, 5.644, 129.497$.

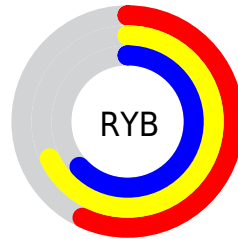
Distribution



Red (62%)

Green (68%)

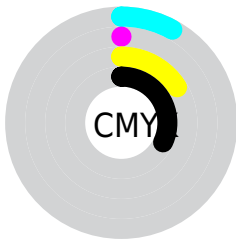
Blue (57%)



Red (57%)

Yellow (68%)

Blue (63%)

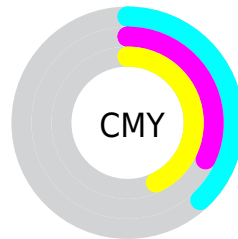


Cyan (8%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (38%)


Magenta (32%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.750, 129.035 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, 15.750, 129.035 by changing the saturation by 10% instead.


 69, 15.750,
129.035


 69, 15.750,
129.035


 100, 15.750,
129.035


 59, 15.750,
129.035


 89, 15.750,
129.035

 49, 15.750,
129.035

 99, 15.750,
129.035

 39, 15.750,
129.035

 29, 15.750,
129.035

 19, 15.750,
129.035

 9, 15.750, 129.035

 0, 15.750, 129.035

69, 15.750,
129.035

69, 15.750,
129.035

68, 25.832,
128.564

70, 5.644, 129.497

67, 35.789,
128.084

71, 4.423, 309.868

66, 45.487,
127.626

72, 14.401,
310.265

65, 54.728,
127.236

74, 24.256,
310.611

65, 63.233,
126.987

75, 33.964,
310.921

64, 70.630,
126.982

77, 43.508,
311.196

64, 76.493,
127.345


78, 46.906,
313.774

63, 80.522,

79, 47.875,
317.277

128.169

 79, 49.002,
320.684

 63, 81.990,
128.567

Harmonies

Complementary

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



69, 15.750, 129.035



63, 16.073, 310.403

Rectangle

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



69, 15.750, 129.035



69, 15.750, 179.035



69, 15.750, 309.035



69, 15.750, 359.035

Sweetspot

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



69, 15.752, 129.037



89, 6.217, 129.522



67, 9.286, 75.259



47, 4.238, 129.490



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, 15.752, 129.037



87, 23.696, 128.863



68, 17.968, 143.943



36, 5.717, 129.328



55, 73.838, 128.383



6, 12.350, 132.695

Inverse Universe

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



63, 16.073, 310.403



77, 24.293, 310.583



64, 17.986, 325.723



34, 5.791, 310.106



23, 83.705, 312.510



1, 11.868, 306.461

Previews

White Background



This preview shows how the CIELCh color 69, 15.750, 129.035 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, 15.750, 129.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

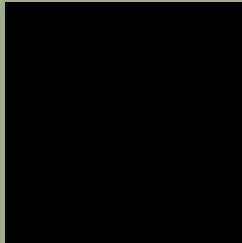
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

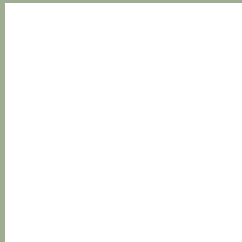
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 15.750, 129.035

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.750, 129.035.



This preview shows how white text looks on a background with the CIELCh color 69, 15.750, 129.035.

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](#).

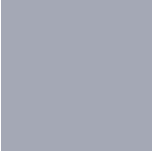
Dichromacy



Original Color
69, 15.750, 129.035

Protanopia
69, 14.125, 93.925

Deuteranopia
69, 14.394, 52.201



Tritanopia
69, 7.264, 279.361

Trichromacy



Original Color
69, 15.750, 129.035

Protanomaly
69, 14.181, 108.724

Deuteranomaly
69, 11.819, 80.808

Tritanomaly
69, 3.203, 179.235

Monochromacy



Original Color
69, 15.750, 129.035

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 5.962, 132.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.750, 129.035 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(159, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 146)  
}
```

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(159, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.750, 129.035 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(159, 173, 146) }
```

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

```
.border{ border-color:rgb(159, 173, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(159, 173,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.750, 129.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 146) }
```

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

```
.background{ background-color: rgb(159,  
173, 146) }
```

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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