

Converting Colors

CIELCh(69, 14.294, 110.342)

Have a look what the booklet for
CIELCh(69, 14.294, 110.342)
contains.

CIELCh(69, 14.190, 110.330)	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, 14.190, 110.330)

Conversions

Conversions Part 1

Format	Color
Hex	A9AA90
RGB	169, 170, 144
RGB Percent	66%, 67%, 56%
CMY	0.3361, 0.3322, 0.4342
CMYK	0.01, 0.00, 0.15, 0.33
HSL	62°, 13%, 62%
HSV	62°, 15%, 67%
XYZ	35.9063, 39.3444, 32.1980
YIQ	166.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

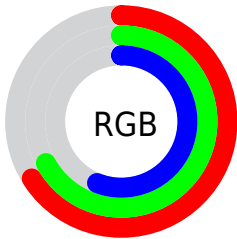
Format	Color
RYB	144, 170, 145
Decimal	11119248
CIELab	69.00, -4.93, 13.31
CIElCh	69, 14.190, 110.330
Yxy	39.3444, 0.3342, 0.3662
Android (android.graphics.Color)	4289309328 (0xFFA9AA90)
YUV	166.7370, -11.2093, 1.9847
Hunter-Lab	62.7251, -7.5886, 13.4729

Details

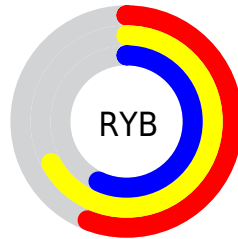
The CIELCh color $69, 14.190, 110.330$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 14.687, 293.214$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 13.995, 110.545$, and $49, 13.978, 110.072$ is the 20% darker color. If you saturate the color by 10%, you get $69, 23.385, 109.439$, and if you desaturate by 10%, it is $69, 4.906, 111.223$.

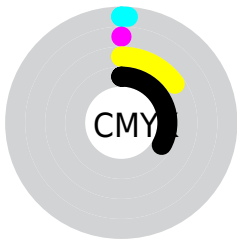
Distribution



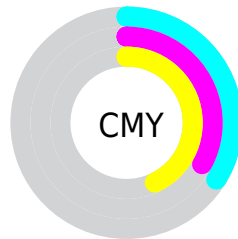
- Red (66%)
- Green (67%)
- Blue (56%)



- Red (56%)
- Yellow (67%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)





- Cyan (34%)
- Magenta (33%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 14.190, 110.330 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, 14.190, 110.330 by changing the saturation by 10% instead.


 69, 14.190,
110.330


 69, 14.190,
110.330


 100, 14.190,
110.330


 59, 14.190,
110.330


 89, 14.190,
110.330

 49, 14.190,
110.330

 99, 14.190,
110.330

 39, 14.190,
110.330

 29, 14.190,
110.330

 19, 14.190,
110.330

 9, 14.190, 110.330

 0, 14.190, 110.330

■ 69, 14.190,
110.330

■ 69, 14.190,
110.330

■ 69, 23.385,
109.439

■ 69, 4.906, 111.223

■ 68, 32.406,
108.555

■ 70, 4.416, 292.118

■ 68, 41.129,
107.704

■ 71, 13.740,
292.961

■ 68, 49.361,
106.916

■ 71, 23.040,
293.777

■ 67, 56.821,
106.230

■ 72, 32.298,
294.558

■ 67, 63.129,
105.691

■ 73, 41.500,
295.299

■ 67, 67.855,
105.348

■ 73, 46.097,
295.778

■ 67, 70.696,

■ 73, 46.103,
296.024

105.235

■ 73, 46.109,
296.270

■ 67, 71.697,
105.222

Harmonies

Complementary

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



69, 14.190, 110.330



61, 14.687, 293.214

Rectangle

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



69, 14.190, 110.330



69, 14.190, 160.330



69, 14.190, 290.330



69, 14.190, 340.330

Sweetspot

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



69, 14.192, 110.336



88, 5.768, 111.239



62, 10.056, 23.082



47, 3.967, 111.179



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, 14.192, 110.336



87, 20.719, 110.062



68, 15.272, 129.569



36, 5.214, 110.871



59, 64.640, 105.195



6, 9.568, 112.300

Inverse Universe

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



61, 14.687, 293.214



75, 21.595, 293.563



62, 15.566, 310.886



33, 5.327, 292.577



16, 88.933, 306.436



1, 9.564, 291.484

Previews

White Background



This preview shows how the CIELCh color 69, 14.190, 110.330 looks on a white background.

Color Contrast Check

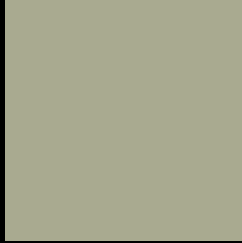
Large Text (above 18pt) WCAG AA × Fail

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, 14.190, 110.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

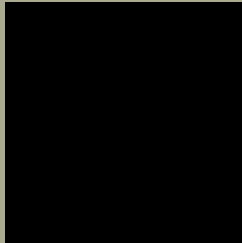
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

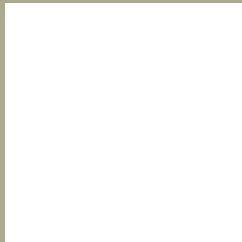
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.190, 110.330

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.190, 110.330.



This preview shows how white text looks on a background with the CIELCh color 69, 14.190, 110.330.

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, 14.190, 110.330

Protanopia

69, 14.125, 93.925

Deuteranopia

69, 15.403, 54.646



Tritanopia
69, 7.933, 315.768

Trichromacy



Original Color
69, 14.190, 110.330

Protanomaly
69, 14.325, 100.676

Deuteranomaly
69, 13.394, 74.158

Tritanomaly
69, 1.974, 35.418

Monochromacy



Original Color
69, 14.190, 110.330

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.925, 109.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.190, 110.330 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(169, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(169, 170, 144)  
}
```

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(169, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 170, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.190, 110.330 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(169, 170, 144) }
```

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

```
.border{ border-color:rgb(169, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(169, 170,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.190, 110.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 170, 144) }
```

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

```
.background{ background-color: rgb(169,  
170, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor