

Converting Colors

CIELCh(69, 31.997, 151.756)

Have a look what the booklet for
CIELCh(69, 31.997, 151.756)
contains.

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Color

CIELCh(69, 32.218, 151.590)

Conversions

Conversions Part 1

Format	Color
Hex	7AB68C
RGB	122, 182, 140
RGB Percent	48%, 71%, 55%
CMY	0.5226, 0.2874, 0.4520
CMYK	0.33, 0.00, 0.23, 0.29
HSL	138°, 29%, 60%
HSV	138°, 33%, 71%
XYZ	29.3723, 39.3444, 30.7540
YIQ	159.2720, -22.2780, -25.7820

Conversions

Conversions Part 2

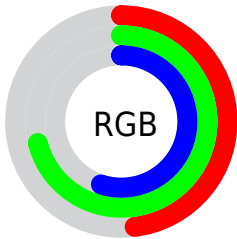
Format	Color
RYB	122, 168, 182
Decimal	8042124
CIELab	69.00, -28.34, 15.33
CIElCh	69, 32.218, 151.590
Yxy	39.3444, 0.2953, 0.3955
Android (android.graphics.Color)	4286232204 (0xFF7AB68C)
YUV	159.2720, -9.5011, -32.6875
Hunter-Lab	62.7251, -26.1826, 14.8378

Details

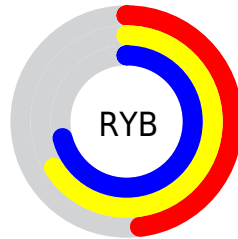
The CIELCh color **69, 32.218, 151.590** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 32.578, 336.676**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 31.965, 151.850**, and **49, 32.419, 151.842** is the 20% darker color. If you saturate the color by 10%, you get **68, 41.656, 150.490**, and if you desaturate by 10%, it is **70, 22.519, 152.547**.

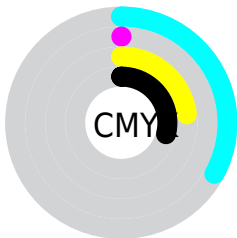
Distribution



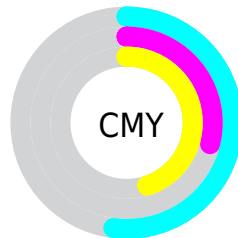
- Red (48%)
- Green (71%)
- Blue (55%)



- Red (48%)
- Yellow (66%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)





- Cyan (52%)
- Magenta (29%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.218, 151.590 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, 32.218, 151.590 by changing the saturation by 10% instead.


 69, 32.218,
151.590


 69, 32.218,
151.590


 100, 32.218,
151.590


 59, 32.218,
151.590


 89, 32.218,
151.590

 49, 32.218,
151.590

 99, 32.218,
151.590

 39, 32.218,
151.590

 29, 32.218,
151.590

 19, 32.218,
151.590

 9, 32.218, 151.590

 0, 32.218, 151.590

■ 69, 32.218,
151.590

■ 69, 32.218,
151.590

■ 68, 41.656,
150.490

■ 70, 22.519,
152.547

■ 67, 50.654,
149.228

■ 72, 12.711,
153.388

■ 66, 59.027,
147.787

■ 73, 2.922, 154.197

■ 66, 66.600,
146.164

■ 75, 6.749, 334.681

■ 65, 73.230,
144.374

■ 77, 16.230,
335.273

■ 65, 78.820,
142.464

■ 79, 25.473,
335.785

■ 65, 82.176,
141.173

■ 81, 34.447,
336.241

■ 82, 40.480,
331.819

■ 83, 45.570,
326.312

Harmonies

Complementary

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



69, 32.218, 151.590



58, 32.578, 336.676

Rectangle

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



69, 32.218, 151.590



69, 32.218, 201.590



69, 32.218, 331.590



69, 32.218, 21.590

Sweetspot

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



69, 32.219, 151.590



92, 12.113, 153.611



71, 32.930, 119.906



49, 8.336, 153.502



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 32.219, 151.590



87, 48.206, 150.760



70, 22.049, 180.189



38, 5.571, 153.675



56, 72.829, 141.430



8, 16.199, 151.219

Inverse Universe

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



58, 32.578, 336.676



71, 48.745, 337.314



58, 25.289, 6.993



36, 5.599, 334.886



34, 63.968, 344.603



3, 14.063, 339.325

Previews

White Background



This preview shows how the CIE LCh color 69, 32.218, 151.590 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, 32.218, 151.590 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, 32.218, 151.590

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.218, 151.590.

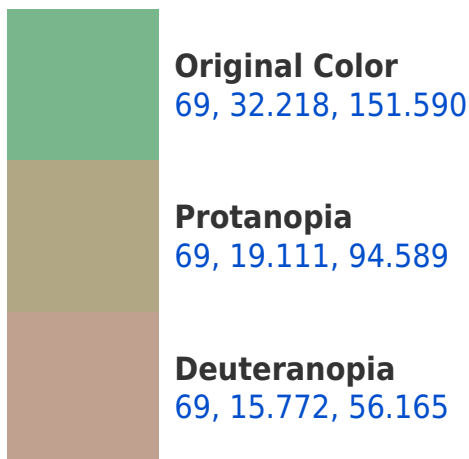


This preview shows how white text looks on a background with the CIELCh color 69, 32.218, 151.590.

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, 16.149, 227.019

Trichromacy



Original Color
69, 32.218, 151.590

Protanomaly
68, 20.932, 123.621

Deuteranomaly
68, 14.800, 113.289

Tritanomaly
69, 17.616, 187.114

Monochromacy



Original Color
69, 32.218, 151.590

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.852, 154.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.218, 151.590 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(122, 182, 140)` looks like.

```
.text, #text, p{  
    color:rgb(122, 182, 140)  
}
```

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(122, 182, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 182, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.218, 151.590 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(122, 182, 140) }
```

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

```
.border{ border-color:rgb(122, 182, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 182, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 182, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 182, 140);  
box-shadow:4px 4px 4px 4px rgb(122, 182,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.218, 151.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 182, 140) }
```

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

```
.background{ background-color: rgb(122,  
182, 140) }
```

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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