

Converting Colors

CIELCh(69, 23.331, 167.993)

Have a look what the booklet for
CIELCh(69, 23.331, 167.993)
contains.

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Color

CIELCh(69, 23.392, 167.943)

Conversions

Conversions Part 1

Format	Color
Hex	7CB49F
RGB	124, 180, 159
RGB Percent	49%, 71%, 62%
CMY	0.5144, 0.2948, 0.3771
CMYK	0.31, 0.00, 0.12, 0.29
HSL	158°, 27%, 60%
HSV	158°, 31%, 71%
XYZ	30.8192, 39.3444, 38.6957
YIQ	160.8620, -26.6350, -18.4030

Conversions

Conversions Part 2

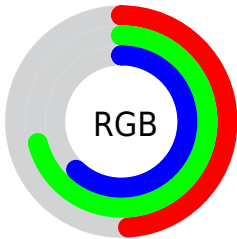
Format	Color
RYB	124, 158, 180
Decimal	8172703
CIELab	69.00, -22.88, 4.89
CIElCh	69, 23.392, 167.943
Yxy	39.3444, 0.2831, 0.3614
Android (android.graphics.Color)	4286362783 (0xFF7CB49F)
YUV	160.8620, -0.9180, -32.3280
Hunter-Lab	62.7251, -22.0652, 7.3311

Details

The CIELCh color **69, 23.392, 167.943** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 25.033, 354.250**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 23.275, 168.344**, and **49, 23.202, 168.216** is the 20% darker color. If you saturate the color by 10%, you get **68, 30.397, 166.752**, and if you desaturate by 10%, it is **70, 16.060, 169.022**.

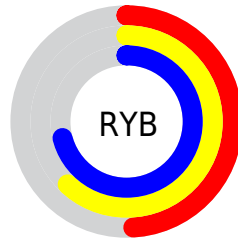
Distribution



Red (49%)

Green (71%)

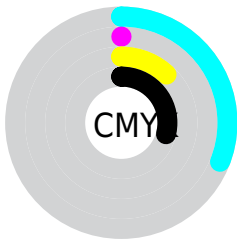
Blue (62%)



Red (49%)

Yellow (62%)

Blue (71%)

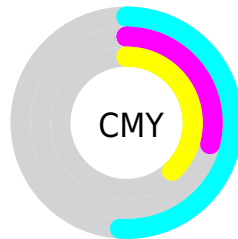


Cyan (31%)

Magenta (0%)

Yellow (12%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.392, 167.943 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, 23.392, 167.943 by changing the saturation by 10% instead.


 69, 23.392,
167.943


 69, 23.392,
167.943


 100, 23.392,
167.943


 59, 23.392,
167.943


 89, 23.392,
167.943

 49, 23.392,
167.943

 99, 23.392,
167.943

 39, 23.392,
167.943

 29, 23.392,
167.943

 19, 23.392,
167.943

 9, 23.392, 167.943

 0, 23.392, 167.943

■ 69, 23.392,
167.943

■ 69, 23.392,
167.943

■ 68, 30.397,
166.752

■ 70, 16.060,
169.022

■ 67, 36.946,
165.431

■ 72, 8.516, 170.025

■ 73, 0.868, 171.359

■ 66, 42.919,
163.952

■ 75, 6.800, 351.655

■ 66, 48.216,
162.292

■ 76, 14.417,
352.471

■ 65, 52.778,
160.432

■ 78, 21.932,
353.218

■ 65, 56.607,
158.366

■ 80, 29.308,
353.919

■ 65, 59.543,
156.444

■ 81, 32.486,
350.074

■ 81, 34.240,
344.845

Harmonies

Complementary

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



69, 23.392, 167.943



58, 25.033, 354.250

Rectangle

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



69, 23.392, 167.943



69, 23.392, 217.943



69, 23.392, 347.943



69, 23.392, 37.943

Sweetspot

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



69, 23.393, 167.941



91, 8.548, 170.220



70, 33.243, 131.624



48, 5.932, 170.079



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 23.393, 167.941



87, 34.154, 167.182



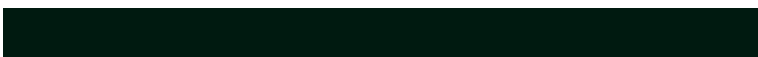
68, 17.054, 210.379



37, 4.307, 170.204



56, 52.558, 156.758



7, 11.278, 164.440

Inverse Universe

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



58, 25.033, 354.250



71, 37.072, 355.150



59, 21.252, 31.362



35, 4.396, 351.771



32, 58.108, 13.218



2, 9.982, 356.683

Previews

White Background



This preview shows how the CIELCh color 69, 23.392, 167.943 looks on a white background.

Color Contrast Check

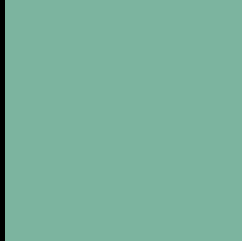
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 23.392, 167.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

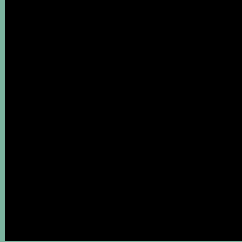
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 23.392, 167.943

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.392, 167.943.

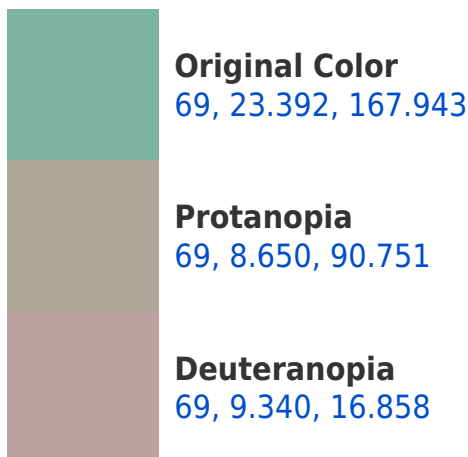


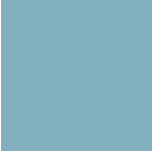
This preview shows how white text looks on a background with the CIELCh color 69, 23.392, 167.943.

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](#).

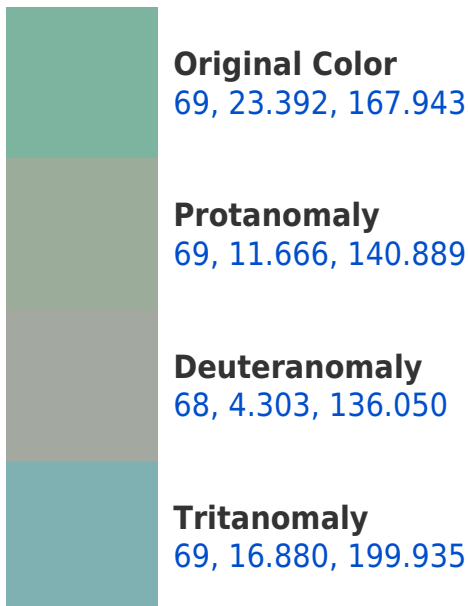
Dichromacy





Tritanopia
69, 16.685, 225.986

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.392, 167.943 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(124, 180, 159)` looks like.

```
.text, #text, p{  
    color:rgb(124, 180, 159)  
}
```

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(124, 180, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 180, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.392, 167.943 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(124, 180, 159) }
```

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

```
.border{ border-color:rgb(124, 180, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 180, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 180, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 180, 159);  
box-shadow:4px 4px 4px 4px rgb(124, 180,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.392, 167.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 180, 159) }
```

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

```
.background{ background-color: rgb(124,  
180, 159) }
```

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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