

Converting Colors

CIELCh(69, 22.535, 174.144)

Have a look what the booklet for
CIELCh(69, 22.535, 174.144)
contains.

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Color

CIELCh(69, 22.491, 174.509)

Conversions

Conversions Part 1

Format	Color
Hex	7AB4A4
RGB	122, 180, 164
RGB Percent	48%, 71%, 64%
CMY	0.5224, 0.2950, 0.3577
CMYK	0.32, 0.00, 0.09, 0.29
HSL	163°, 28%, 59%
HSV	163°, 32%, 71%
XYZ	30.9508, 39.3444, 40.9796
YIQ	160.8340, -29.4320, -17.2720

Conversions

Conversions Part 2

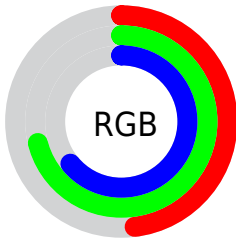
Format	Color
RYB	122, 156, 180
Decimal	8041636
CIELab	69.00, -22.39, 2.15
CIElCh	69, 22.491, 174.509
Yxy	39.3444, 0.2781, 0.3536
Android (android.graphics.Color)	4286231716 (0xFF7AB4A4)
YUV	160.8340, 1.5608, -34.0574
Hunter-Lab	62.7251, -21.6907, 5.1722

Details

The CIELCh color **69, 22.491, 174.509** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 24.945, 1.276**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 22.485, 174.662**, and **49, 22.714, 174.128** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.788, 173.349**, and if you desaturate by 10%, it is **70, 15.791, 175.576**.

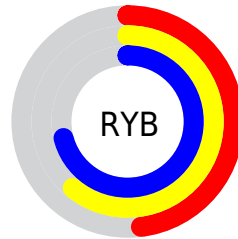
Distribution



Red (48%)

Green (71%)

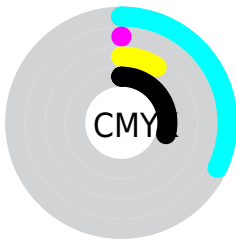
Blue (64%)



Red (48%)

Yellow (61%)

Blue (71%)

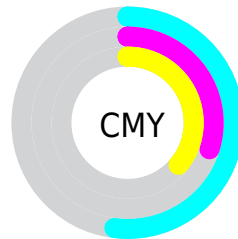


Cyan (32%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (52%)


Magenta (30%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.491, 174.509 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, 22.491, 174.509 by changing the saturation by 10% instead.

 69, 22.491,
174.509


 69, 22.491,
174.509

 100, 22.491,
174.509

 59, 22.491,
174.509

 89, 22.491,
174.509

 49, 22.491,
174.509

 99, 22.491,
174.509

 39, 22.491,
174.509

 29, 22.491,
174.509

 19, 22.491,
174.509

 9, 22.491, 174.509

 0, 22.491, 174.509

69, 22.491,
174.509

69, 22.491,
174.509

68, 28.788,
173.349

70, 15.791,
175.576

67, 34.562,
172.081

71, 8.802, 176.583

73, 1.632, 177.729

66, 39.703,
170.679

74, 5.630, 358.244

66, 44.130,
169.117

76, 12.910,
359.114

66, 47.801,
167.376

78, 20.149,
359.913

65, 50.737,
165.443

80, 27.304, 0.672

65, 52.662,
163.878

81, 30.645,
358.216

81, 31.554,

Harmonies

Complementary

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



69, 22.491, 174.509



57, 24.945, 1.276

Rectangle

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



69, 22.491, 174.509



69, 22.491, 224.509



69, 22.491, 354.509



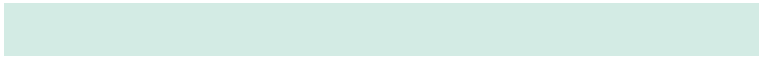
69, 22.491, 44.509

Sweetspot

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



69, 22.492, 174.507



91, 8.931, 176.791



69, 35.452, 134.699



48, 6.081, 176.653



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, 22.492, 174.507



87, 33.203, 173.659



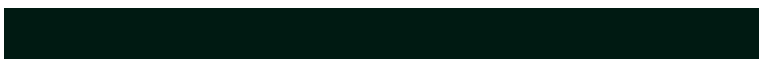
66, 16.597, 223.260



37, 4.053, 176.876



56, 46.551, 164.170



7, 10.488, 170.974

Inverse Universe

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



57, 24.945, 1.276



70, 37.770, 2.435



60, 20.672, 40.918



35, 4.172, 358.470



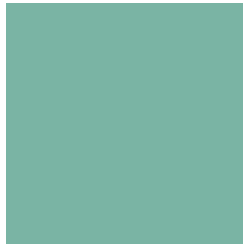
32, 60.295, 22.339



2, 9.622, 2.260

Previews

White Background



This preview shows how the CIELCh color 69, 22.491, 174.509 looks on a white background.

Color Contrast Check

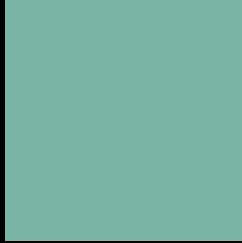
Large Text (above 18pt) WCAG AA × Fail

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, 22.491, 174.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

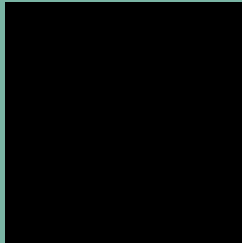
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

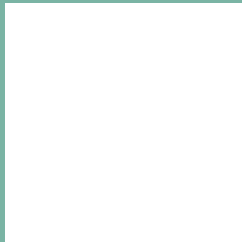
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 22.491, 174.509

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.491, 174.509.

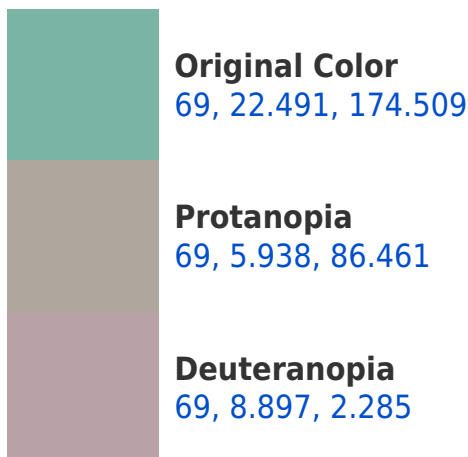


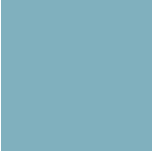
This preview shows how white text looks on a background with the CIELCh color 69, 22.491, 174.509.

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](#).

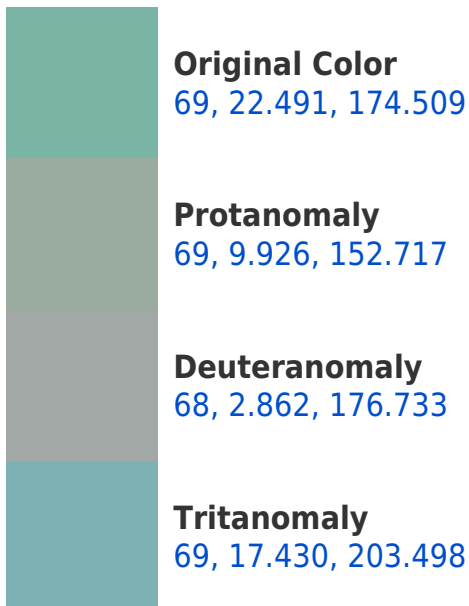
Dichromacy



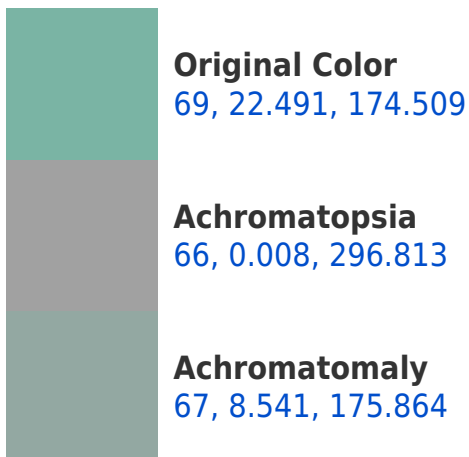


Tritanopia
69, 17.479, 224.553

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.491, 174.509 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, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(122, 180, 164)  
}
```

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, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 180, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.491, 174.509 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, 180, 164) }
```

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

```
.border{ border-color:rgb(122, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(122, 180,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.491, 174.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 180, 164) }
```

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

```
.background{ background-color: rgb(122,  
180, 164) }
```

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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