

Converting Colors

CIELCh(69, 21.355, 171.639)

Have a look what the booklet for
CIELCh(69, 21.355, 171.639)
contains.

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Color

CIELCh(69, 21.338, 171.656)

Conversions

Conversions Part 1

Format	Color
Hex	7EB3A2
RGB	126, 179, 162
RGB Percent	49%, 70%, 64%
CMY	0.5054, 0.2976, 0.3642
CMYK	0.30, 0.00, 0.09, 0.30
HSL	161°, 26%, 60%
HSV	161°, 30%, 70%
XYZ	31.2964, 39.3444, 40.1809
YIQ	161.2150, -26.1310, -16.5230

Conversions

Conversions Part 2

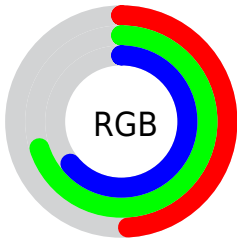
Format	Color
RYB	126, 158, 179
Decimal	8303522
CIELab	69.00, -21.11, 3.10
CIELCh	69, 21.338, 171.656
Yxy	39.3444, 0.2824, 0.3550
Android (android.graphics.Color)	4286493602 (0xFF7EB3A2)
YUV	161.2150, 0.3870, -30.8836
Hunter-Lab	62.7251, -20.7072, 5.9272

Details

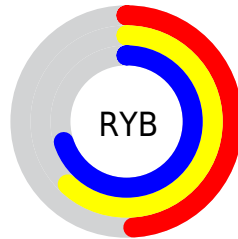
The CIELCh color **69, 21.338, 171.656** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 23.114, 357.716**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.314, 171.843**, and **49, 21.386, 171.020** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.020, 170.496**, and if you desaturate by 10%, it is **70, 14.317, 172.719**.

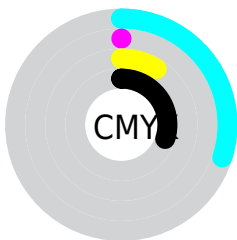
Distribution



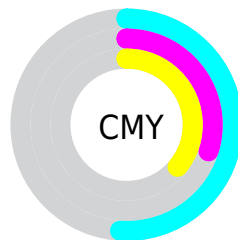
- Red (49%)
- Green (70%)
- Blue (64%)



- Red (49%)
- Yellow (62%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)





- Cyan (51%)
- Magenta (30%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 21.338, 171.656 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, 21.338, 171.656 by changing the saturation by 10% instead.

 69, 21.338,
171.656


 69, 21.338,
171.656


 100, 21.338,
171.656


 59, 21.338,
171.656


 89, 21.338,
171.656

 49, 21.338,
171.656

 99, 21.338,
171.656

 39, 21.338,
171.656

 29, 21.338,
171.656

 19, 21.338,
171.656

 9, 21.338, 171.656

 0, 21.338, 171.656

■ 69, 21.338,
171.656

■ 69, 21.338,
171.656

■ 68, 28.020,
170.496

■ 70, 14.317,
172.719

■ 67, 34.238,
169.220

■ 72, 7.068, 173.723

■ 66, 39.875,
167.804

■ 73, 0.307, 353.154

■ 66, 44.837,
166.223

■ 75, 7.721, 355.362

■ 65, 49.063,
164.454

■ 76, 15.108,
356.191

■ 65, 52.550,
162.486

■ 78, 22.416,
356.960


■ 65, 55.454,
160.380

■ 80, 29.608,
357.689

■ 65, 55.570,

■ 81, 31.853,
353.710

160.297

 81, 33.150,
348.945

Harmonies

Complementary

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



69, 21.338, 171.656



59, 23.114, 357.716

Rectangle

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



69, 21.338, 171.656



69, 21.338, 221.656



69, 21.338, 351.656



69, 21.338, 41.656

Sweetspot

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



69, 21.339, 171.654



90, 8.186, 173.768



69, 31.964, 133.307



48, 5.730, 173.623



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, 21.339, 171.654



86, 31.641, 170.853



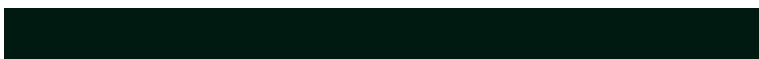
67, 15.698, 216.492



37, 4.161, 173.751



56, 49.231, 160.595



7, 10.840, 167.800

Inverse Universe

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



59, 23.114, 357.716



71, 34.961, 358.720



60, 19.282, 35.921



35, 4.266, 355.343



32, 59.089, 18.299



2, 9.774, 359.680

Previews

White Background



This preview shows how the CIELCh color 69, 21.338, 171.656 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, 21.338, 171.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

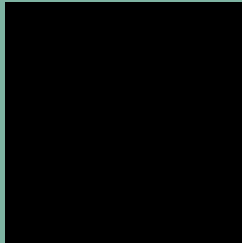
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 21.338, 171.656

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.338, 171.656.

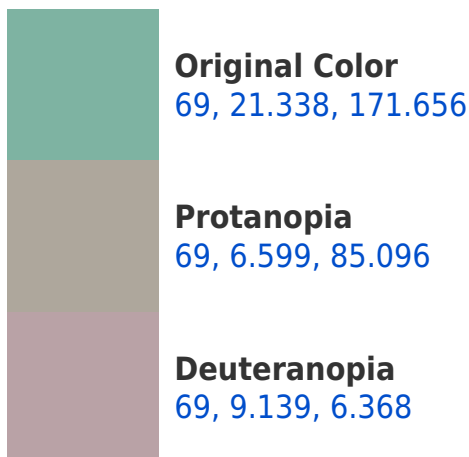


This preview shows how white text looks on a background with the CIELCh color 69, 21.338, 171.656.

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, 21.338, 171.656

Protanomaly
69, 8.951, 145.969

Deuteranomaly
68, 2.245, 152.315

Tritanomaly
69, 15.906, 204.142

Monochromacy



Original Color
69, 21.338, 171.656

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 8.469, 171.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 21.338, 171.656 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(126, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(126, 179, 162)  
}
```

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(126, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 179, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.338, 171.656 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(126, 179, 162) }
```

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

```
.border{ border-color:rgb(126, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(126, 179,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.338, 171.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 179, 162) }
```

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

```
.background{ background-color: rgb(126,  
179, 162) }
```

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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