

Converting Colors

CIELCh(69, 21.752, 171.484)

Have a look what the booklet for
CIELCh(69, 21.752, 171.484)
contains.

CIELCh(69, 21.628, 171.998)	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, 21.628, 171.998)

Conversions

Conversions Part 1

Format	Color
Hex	7DB3A2
RGB	125, 179, 162
RGB Percent	49%, 70%, 64%
CMY	0.5088, 0.2970, 0.3637
CMYK	0.30, 0.00, 0.09, 0.30
HSL	161°, 26%, 60%
HSV	161°, 30%, 70%
XYZ	31.2135, 39.3444, 40.2529
YIQ	160.9160, -26.7270, -16.7350

Conversions

Conversions Part 2

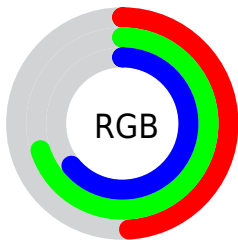
Format	Color
RYB	125, 157, 179
Decimal	8237986
CIELab	69.00, -21.42, 3.01
CIELCh	69, 21.628, 171.998
Yxy	39.3444, 0.2817, 0.3551
Android (android.graphics.Color)	4286428066 (0xFF7DB3A2)
YUV	160.9160, 0.5344, -31.4983
Hunter-Lab	62.7251, -20.9432, 5.8591

Details

The CIELCh color **69, 21.628, 171.998** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 23.508, 358.199**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.603, 172.191**, and **49, 21.667, 171.345** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.254, 170.834**, and if you desaturate by 10%, it is **70, 14.652, 173.064**.

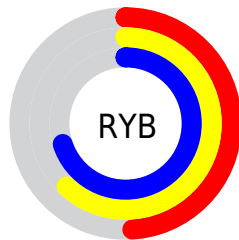
Distribution



Red (49%)

Green (70%)

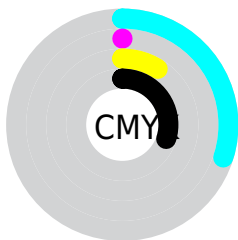
Blue (64%)



Red (49%)

Yellow (62%)

Blue (70%)

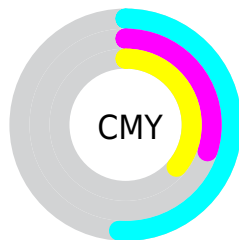


Cyan (30%)

Magenta (0%)

Yellow (9%)

Black (30%)



Cyan (51%)

Magenta (30%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 21.628, 171.998 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, 21.628, 171.998 by changing the saturation by 10% instead.

 69, 21.628,
171.998


 69, 21.628,
171.998


 100, 21.628,
171.998

 59, 21.628,
171.998


 89, 21.628,
171.998

 49, 21.628,
171.998

 99, 21.628,
171.998

 39, 21.628,
171.998

 29, 21.628,
171.998

 19, 21.628,
171.998

 9, 21.628, 171.998

 0, 21.628, 171.998

69, 21.628,
171.998

69, 21.628,
171.998

68, 28.254,
170.834

70, 14.652,
173.064

67, 34.406,
169.556

72, 7.438, 174.070

66, 39.969,
168.138

73, 0.090, 179.770

66, 44.849,
166.554

75, 7.307, 355.716

65, 48.989,
164.783

76, 14.682,
356.552

65, 52.392,
162.813

78, 21.984,
357.327

65, 55.199,
160.744

80, 29.175,
358.061

81, 31.637,
354.359

■ 81, 32.878,
349.613

Harmonies

Complementary

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



69, 21.628, 171.998



58, 23.508, 358.199

Rectangle

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



69, 21.628, 171.998



69, 21.628, 221.998



69, 21.628, 351.998



69, 21.628, 41.998

Sweetspot

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



69, 21.629, 171.996



90, 8.157, 174.168



69, 32.722, 133.799



48, 5.709, 174.024



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, 21.629, 171.996



86, 31.500, 171.256



67, 15.813, 218.666



37, 4.147, 174.151



56, 48.875, 161.042



7, 10.793, 168.196

Inverse Universe

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



58, 23.508, 358.199



71, 34.886, 359.136



60, 19.472, 37.560



35, 4.253, 355.745



32, 59.228, 18.839



2, 9.753, 0.013

Previews

White Background



This preview shows how the CIELCh color 69, 21.628, 171.998 looks on a white background.

Color Contrast Check

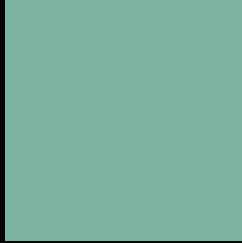
Large Text (above 18pt) WCAG AA × Fail

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, 21.628, 171.998 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

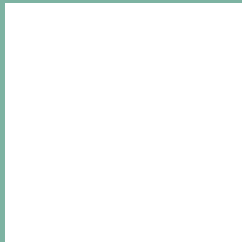
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 21.628, 171.998

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.628, 171.998.

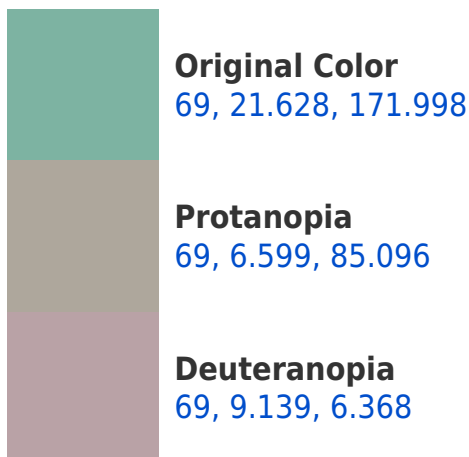


This preview shows how white text looks on a background with the CIELCh color 69, 21.628, 171.998.

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, 16.417, 226.493

Trichromacy



Original Color
69, 21.628, 171.998

Protanomaly
69, 9.186, 147.800

Deuteranomaly
68, 2.517, 158.544

Tritanomaly
69, 16.534, 201.931

Monochromacy



Original Color
69, 21.628, 171.998

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, 21.628, 171.998 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(125, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.628, 171.998 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(125, 179, 162) }
```

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

```
.border{ border-color:rgb(125, 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(125, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.628, 171.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 162) }
```

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

```
.background{ background-color: rgb(125,  
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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