

Converting Colors

CIELCh(69, 17.976, 122.455)

Have a look what the booklet for
CIELCh(69, 17.976, 122.455)
contains.

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Color

CIELCh(69, 17.976, 122.455)

Conversions

Conversions Part 1

Format	Color
Hex	A2AD8D
RGB	162, 173, 141
RGB Percent	64%, 68%, 55%
CMY	0.3658, 0.3227, 0.4481
CMYK	0.06, 0.00, 0.19, 0.32
HSL	81°, 16%, 61%
HSV	81°, 19%, 68%
XYZ	34.5189, 39.3444, 30.8668
YIQ	166.0630, 3.7160, -12.2840

Conversions

Conversions Part 2

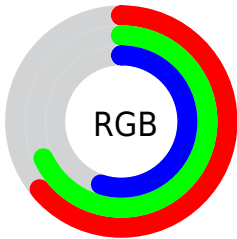
Format	Color
RYB	141, 173, 152
Decimal	10661261
CIELab	69.00, -9.65, 15.17
CIElCh	69, 17.976, 122.455
Yxy	39.3444, 0.3296, 0.3757
Android (android.graphics.Color)	4288851341 (0xFFA2AD8D)
YUV	166.0630, -12.3561, -3.5633
Hunter-Lab	62.7251, -11.5367, 14.7312

Details

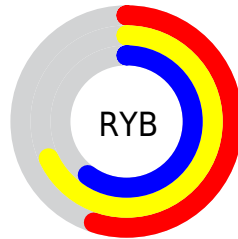
The CIELCh color $69, 17.976, 122.455$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 18.583, 304.502$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 17.583, 122.261$, and $49, 18.041, 123.039$ is the 20% darker color. If you saturate the color by 10%, you get $68, 27.594, 121.910$, and if you desaturate by 10%, it is $70, 8.276, 123.002$.

Distribution



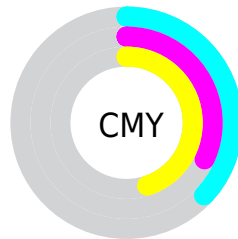
- Red (64%)
- Green (68%)
- Blue (55%)



- Red (55%)
- Yellow (68%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)



- Cyan (37%)
- Magenta (32%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.976, 122.455 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, 17.976, 122.455 by changing the saturation by 10% instead.

 69, 17.976,
122.455


 69, 17.976,
122.455

 100, 17.976,
122.455

 59, 17.976,
122.455

 89, 17.976,
122.455

 49, 17.976,
122.455

 99, 17.976,
122.455

 39, 17.976,
122.455

 29, 17.976,
122.455

 19, 17.976,
122.455

 9, 17.976, 122.455

 0, 17.976, 122.455

■ 69, 17.976,
122.455

■ 69, 17.976,
122.455

■ 68, 27.594,
121.910

■ 70, 8.276, 123.002

■ 67, 37.027,
121.378

■ 71, 1.443, 303.474

■ 67, 46.133,
120.895

■ 72, 11.133,
304.001

■ 66, 54.700,
120.513

■ 73, 20.759,
304.463

■ 66, 62.426,
120.309

■ 74, 30.296,
304.890

■ 65, 68.916,
120.383

■ 75, 39.726,
305.284

■ 65, 73.759,
120.848

■ 76, 45.612,
306.428

■ 64, 76.910,

■ 76, 46.012,
308.816

121.723

■ 77, 46.483,
311.192

■ 64, 77.339,
121.854

Harmonies

Complementary

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



69, 17.976, 122.455



60, 18.583, 304.502

Rectangle

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



69, 17.976, 122.455



69, 17.976, 172.455



69, 17.976, 302.455



69, 17.976, 352.455

Sweetspot

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



69, 17.978, 122.458



89, 7.205, 123.132



64, 10.479, 54.250



47, 4.774, 123.098



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 17.978, 122.458



87, 26.394, 122.246



68, 20.429, 138.878



36, 5.515, 122.959



57, 69.785, 121.683



6, 11.892, 126.872

Inverse Universe

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



60, 18.583, 304.502



74, 27.483, 304.755



62, 20.578, 320.622



34, 5.612, 303.938



20, 86.746, 309.101



1, 11.585, 301.064

Previews

White Background



This preview shows how the CIELCh color 69, 17.976, 122.455 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, 17.976, 122.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

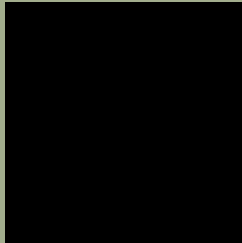
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

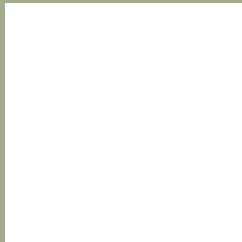
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.976, 122.455

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.976, 122.455.



This preview shows how white text looks on a background with the CIELCh color 69, 17.976, 122.455.

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



Original Color
69, 17.976, 122.455

Protanopia
69, 16.873, 94.552

Deuteranopia
69, 16.476, 59.025



Tritanopia
69, 7.150, 290.907

Trichromacy



Original Color
69, 17.976, 122.455

Protanomaly
69, 16.906, 105.711

Deuteranomaly
69, 14.661, 82.597

Tritanomaly
69, 2.242, 152.317

Monochromacy



Original Color
69, 17.976, 122.455

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.235, 123.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.976, 122.455 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(162, 173, 141)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 141)  
}
```

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(162, 173, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.976, 122.455 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(162, 173, 141) }
```

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

```
.border{ border-color:rgb(162, 173, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 141);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.976, 122.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 141) }
```

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

```
.background{ background-color: rgb(162,  
173, 141) }
```

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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