

Converting Colors

CIELCh(72, 11.434, 139.103)

Have a look what the booklet for
CIELCh(72, 11.434, 139.103)
contains.

CIELCh(72, 11.353, 139.345)	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(72, 11.353, 139.345)

Conversions

Conversions Part 1

Format	Color
Hex	A6B5A3
RGB	166, 181, 163
RGB Percent	65%, 71%, 64%
CMY	0.3500, 0.2912, 0.3618
CMYK	0.08, 0.00, 0.10, 0.29
HSL	110°, 11%, 67%
HSV	110°, 10%, 71%
XYZ	38.7335, 43.6590, 40.9184
YIQ	174.4630, -3.1620, -8.7780

Conversions

Conversions Part 2

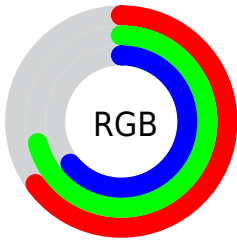
Format	Color
RYB	163, 181, 178
Decimal	10925475
CIELab	72.00, -8.61, 7.40
CIELCh	72, 11.353, 139.345
Yxy	43.6590, 0.3141, 0.3541
Android (android.graphics.Color)	4289115555 (0xFFA6B5A3)
YUV	174.4630, -5.6513, -7.4221
Hunter-Lab	66.0750, -10.9935, 9.5358

Details

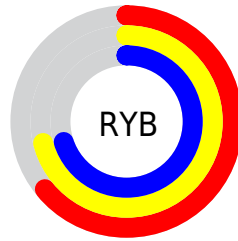
The CIELCh color **72, 11.353, 139.345** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 11.410, 320.229**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.412, 139.692**, and **52, 11.408, 138.906** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.850, 138.793**, and if you desaturate by 10%, it is **74, 0.057, 316.262**.

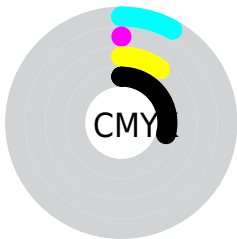
Distribution



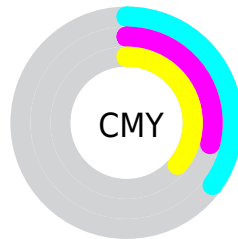
- Red (65%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (35%)
- Magenta (29%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.353, 139.345 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 72, 11.353, 139.345 by changing the saturation by 10% instead.


 72, 11.353,
139.345


 72, 11.353,
139.345


 100, 11.353,
139.345


 62, 11.353,
139.345


 92, 11.353,
139.345

 52, 11.353,
139.345

 42, 11.353,
139.345

 32, 11.353,
139.345

 22, 11.353,
139.345

 12, 11.353,
139.345

 2, 11.353, 139.345

0, 11.353, 139.345

72, 11.353,
139.345

72, 11.353,
139.345

71, 22.850,
138.793

74, 0.057, 316.262

69, 34.304,
138.174

75, 11.298,
320.193

68, 45.550,
137.492

77, 22.310,
320.552

67, 56.358,
136.768

79, 33.054,
320.853

66, 66.426,
136.048

81, 43.509,
321.109

66, 75.360,
135.411

83, 46.504,
326.033

■ 65, 82.690,
134.973

■ 65, 87.959,
134.858

■ 64, 91.231,
135.003

Harmonies

Complementary

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



72, 11.353, 139.345



69, 11.410, 320.229

Rectangle

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



72, 11.353, 139.345



72, 11.353, 189.345



72, 11.353, 319.345



72, 11.353, 9.345

Sweetspot

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



72, 11.355, 139.346



92, 4.204, 139.721



72, 8.195, 101.234



49, 3.188, 139.672



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 11.355, 139.346



91, 16.936, 139.227



72, 9.436, 154.985



37, 6.390, 139.380



55, 80.569, 134.893



7, 15.613, 140.902

Inverse Universe

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



69, 11.410, 320.229



86, 17.028, 320.334



69, 9.494, 336.327



35, 6.421, 320.199



31, 80.035, 321.980



2, 15.113, 317.634

Previews

White Background



This preview shows how the CIELCh color 72, 11.353, 139.345 looks on a white background.

Color Contrast Check

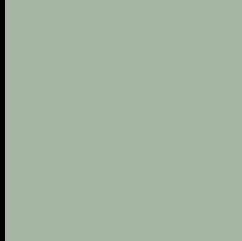
Large Text (above 18pt) WCAG AA × Fail

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 72, 11.353, 139.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

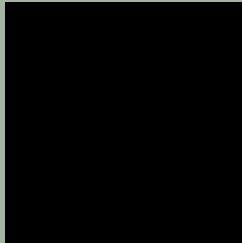
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.353, 139.345

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.353, 139.345.

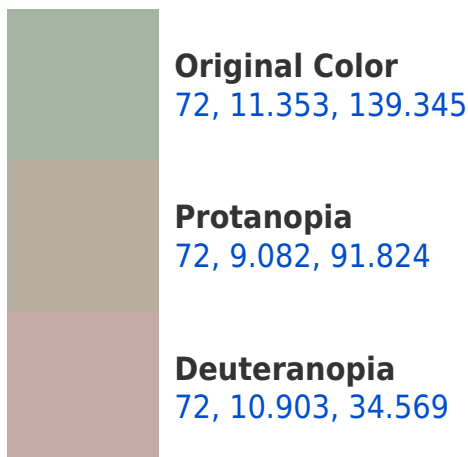


This preview shows how white text looks on a background with the CIELCh color 72, 11.353, 139.345.

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](#).

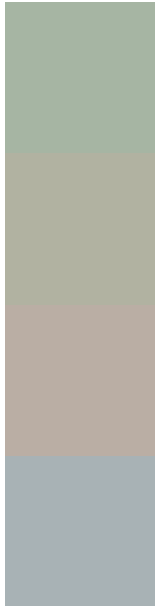
Dichromacy





Tritanopia
72, 7.974, 272.595

Trichromacy



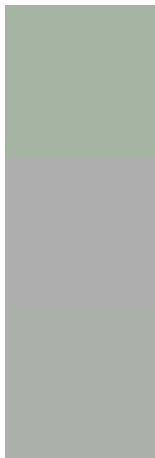
Original Color
72, 11.353, 139.345

Protanomaly
72, 9.217, 111.670

Deuteranomaly
72, 7.140, 68.942

Tritanomaly
72, 3.980, 223.520

Monochromacy



Original Color
72, 11.353, 139.345

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.784, 139.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.353, 139.345 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(166, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 181, 163)  
}
```

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(166, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 181, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.353, 139.345 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(166, 181, 163) }
```

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

```
.border{ border-color:rgb(166, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(166, 181,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.353, 139.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 181, 163) }
```

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

```
.background{ background-color: rgb(166,  
181, 163) }
```

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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