

Converting Colors

CIELCh(71, 28.438, 118.344)

Have a look what the booklet for
CIELCh(71, 28.438, 118.344)
contains.

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Color

CIELCh(71, 28.520, 118.899)

Conversions

Conversions Part 1

Format	Color
Hex	A6B480
RGB	166, 180, 128
RGB Percent	65%, 71%, 50%
CMY	0.3499, 0.2950, 0.4989
CMYK	0.08, 0.00, 0.29, 0.29
HSL	76°, 26%, 60%
HSV	76°, 29%, 71%
XYZ	35.8372, 42.1875, 26.6029
YIQ	169.8860, 8.3480, -19.1400

Conversions

Conversions Part 2

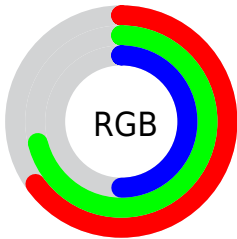
Format	Color
R_{YB}	128, 180, 142
Decimal	10925184
CIE _{Lab}	71.00, -13.78, 24.97
CIE _{LCh}	71, 28.520, 118.899
Yxy	42.1875, 0.3425, 0.4032
Android (android.graphics.Color)	4289115264 (0xFFA6B480)
YUV	169.8860, -20.6498, -3.4080
Hunter-Lab	64.9519, -15.1786, 21.1825

Details

The CIELCh color **71, 28.520, 118.899** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 30.262, 302.691**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 28.682, 118.621**, and **51, 28.551, 119.072** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.100, 118.310**, and if you desaturate by 10%, it is **72, 18.736, 119.512**.

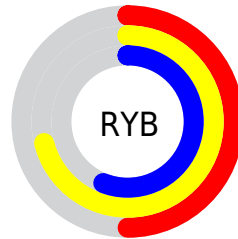
Distribution



Red (65%)

Green (71%)

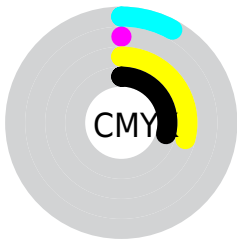
Blue (50%)



Red (50%)

Yellow (71%)

Blue (56%)

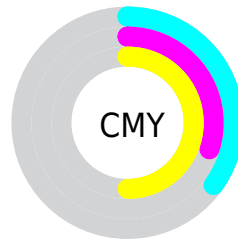


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (35%)


Magenta (30%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 28.520, 118.899 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 71, 28.520, 118.899 by changing the saturation by 10% instead.


 71, 28.520,
118.899


 71, 28.520,
118.899


 100, 28.520,
118.899


 61, 28.520,
118.899


 91, 28.520,
118.899

 51, 28.520,
118.899

 41, 28.520,
118.899

 31, 28.520,
118.899

 21, 28.520,
118.899

 11, 28.520,
118.899

 1, 28.520, 118.899

0, 28.520, 118.899

71, 28.520,
118.899

71, 28.520,
118.899

70, 38.100,
118.310

72, 18.736,
119.512

70, 47.320,
117.772

72, 8.845, 120.121

69, 55.954,
117.338

73, 1.082, 300.675

69, 63.681,
117.080

74, 10.996,
301.266

68, 70.081,
117.092

75, 20.863,
301.799

68, 74.730,
117.479

76, 30.657,
302.298

77, 40.359,

■ 68, 77.617,
118.250

302.761

■ 68, 77.903,
118.336

■ 78, 41.327,
304.796

■ 78, 41.634,
306.958

Harmonies

Complementary

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



71, 28.520, 118.899



56, 30.262, 302.691

Rectangle

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



71, 28.520, 118.899



71, 28.520, 168.899



71, 28.520, 298.899



71, 28.520, 348.899

Sweetspot

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



71, 28.522, 118.902



92, 11.081, 120.107



62, 17.861, 46.195



49, 7.693, 120.020



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 28.522, 118.902



90, 42.662, 118.502



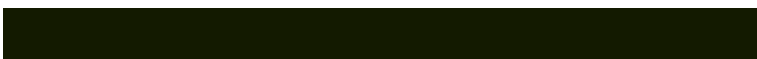
69, 32.296, 136.364



37, 5.584, 120.097



58, 69.099, 118.165



8, 13.776, 124.312

Inverse Universe

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



56, 30.262, 302.691



68, 45.997, 303.276



59, 32.807, 319.048



35, 5.691, 301.217



19, 88.985, 308.074



1, 13.478, 298.300

Previews

White Background



This preview shows how the CIELCh color 71, 28.520, 118.899 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 71, 28.520, 118.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

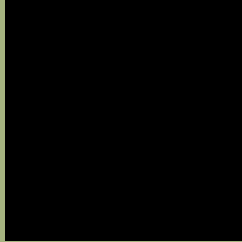
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 28.520, 118.899

Background



This preview shows how black text looks on a background with the CIELCh color 71, 28.520, 118.899.

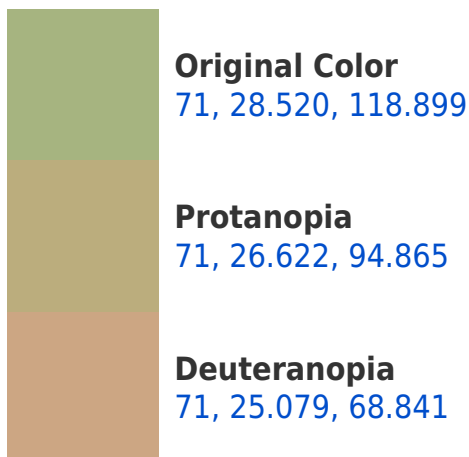



This preview shows how white text looks on a background with the CIELCh color 71, 28.520, 118.899.

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
71, 7.702, 296.364

Trichromacy



Original Color
71, 28.520, 118.899

Protanomaly
71, 26.480, 103.927

Deuteranomaly
71, 23.658, 88.425

Tritanomaly
71, 5.662, 125.241

Monochromacy



Original Color
71, 28.520, 118.899

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.619, 121.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 28.520, 118.899 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, 180, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 128)  
}
```

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, 180, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 28.520, 118.899 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, 180, 128) }
```

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

```
.border{ border-color:rgb(166, 180, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 128);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 28.520, 118.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 128) }
```

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

```
.background{ background-color: rgb(166,  
180, 128) }
```

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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