

Converting Colors

CIELCh(71, 28.911, 120.137)

Have a look what the booklet for
CIELCh(71, 28.911, 120.137)
contains.

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Color

CIELCh(71, 28.705, 120.452)

Conversions

Conversions Part 1

Format	Color
Hex	A4B480
RGB	164, 180, 128
RGB Percent	64%, 71%, 50%
CMY	0.3562, 0.2934, 0.4974
CMYK	0.09, 0.00, 0.29, 0.29
HSL	78°, 26%, 60%
HSV	78°, 29%, 71%
XYZ	35.6098, 42.1875, 26.7456
YIQ	169.2880, 7.1560, -19.5640

Conversions

Conversions Part 2

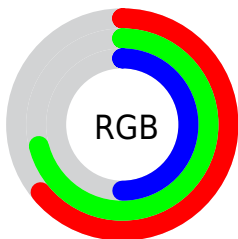
Format	Color
R_{YB}	128, 180, 144
Decimal	10794112
CIE _{Lab}	71.00, -14.55, 24.75
CIE _{LCh}	71, 28.705, 120.452
Yxy	42.1875, 0.3406, 0.4035
Android (android.graphics.Color)	4288984192 (0xFFA4B480)
YUV	169.2880, -20.3550, -4.6376
Hunter-Lab	64.9519, -15.8033, 21.0522

Details

The CIELCh color **71, 28.705, 120.452** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 30.371, 303.988**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 28.933, 120.805**, and **51, 28.656, 119.908** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.380, 119.896**, and if you desaturate by 10%, it is **72, 18.832, 121.031**.

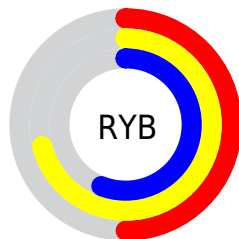
Distribution



Red (64%)

Green (71%)

Blue (50%)



Red (50%)

Yellow (71%)

Blue (56%)

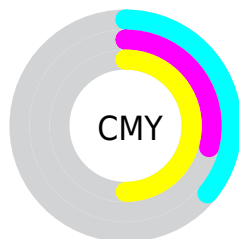


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (36%)


Magenta (29%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 28.705, 120.452 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, 28.705, 120.452 by changing the saturation by 10% instead.


 71, 28.705,
120.452


 71, 28.705,
120.452


 100, 28.705,
120.452


 61, 28.705,
120.452


 91, 28.705,
120.452

 51, 28.705,
120.452

 41, 28.705,
120.452

 31, 28.705,
120.452

 21, 28.705,
120.452

 11, 28.705,
120.452

 1, 28.705, 120.452

■ 0, 28.705, 120.452

■ 71, 28.705,
120.452

■ 71, 28.705,
120.452

■ 70, 38.380,
119.896

■ 72, 18.832,
121.031

■ 70, 47.700,
119.390

■ 73, 8.859, 121.605

■ 69, 56.441,
118.989

■ 73, 1.142, 302.111

■ 74, 11.122,
302.674

■ 69, 64.282,
118.768

■ 75, 21.046,
303.170

■ 68, 70.808,
118.827

■ 77, 30.888,
303.631

■ 68, 75.591,
119.275

■ 78, 40.628,

■ 67, 78.614,
120.125

304.058

■ 67, 78.928,
120.223

■ 78, 41.330,
306.469

■ 79, 41.735,
308.949

Harmonies

Complementary

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



71, 28.705, 120.452



57, 30.371, 303.988

Rectangle

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



71, 28.705, 120.452



71, 28.705, 170.452



71, 28.705, 300.452



71, 28.705, 350.452

Sweetspot

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



71, 28.707, 120.454



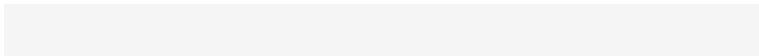
92, 11.144, 121.589



63, 17.670, 49.841



49, 7.738, 121.507



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, 28.707, 120.454



89, 42.948, 120.075



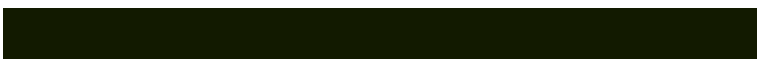
69, 32.633, 137.318



37, 5.616, 121.580



58, 69.877, 120.037



8, 13.887, 125.939

Inverse Universe

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



57, 30.371, 303.988



68, 46.138, 304.527



59, 33.061, 320.075



35, 5.719, 302.626



20, 88.413, 308.564



1, 13.522, 299.436

Previews

White Background



This preview shows how the CIELCh color 71, 28.705, 120.452 looks on a white background.

Color Contrast Check

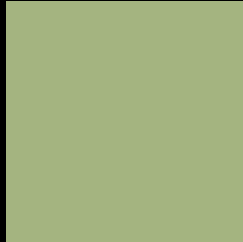
Large Text (above 18pt) WCAG AA × Fail

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, 28.705, 120.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

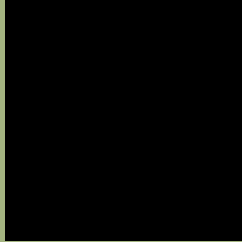
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 28.705, 120.452

Background



This preview shows how black text looks on a background with the CIELCh color 71, 28.705, 120.452.



This preview shows how white text looks on a background with the CIELCh color 71, 28.705, 120.452.

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
71, 28.705, 120.452

Protanopia
71, 26.622, 94.865

Deuteranopia
71, 25.079, 68.841



Tritanopia
71, 7.107, 287.955

Trichromacy



Original Color
71, 28.705, 120.452

Protanomaly
71, 26.961, 104.833

Deuteranomaly
71, 23.658, 88.425

Tritanomaly
71, 6.573, 133.452

Monochromacy



Original Color
71, 28.705, 120.452

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 10.630, 121.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 28.705, 120.452 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(164, 180, 128)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 180, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 180, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 28.705, 120.452 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(164, 180, 128) }
```

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

```
.border{ border-color:rgb(164, 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(164, 180, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 180, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 180, 128); box-shadow:4px 4px 4px 4px rgb(164, 180, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 28.705, 120.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 180, 128) }
```

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

```
.background{ background-color: rgb(164,  
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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