

Converting Colors

CIELCh(71, 19.184, 127.725)

Have a look what the booklet for
CIELCh(71, 19.184, 127.725)
contains.

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Color

CIELCh(71, 18.976, 127.706)

Conversions

Conversions Part 1

Format	Color
Hex	A3B392
RGB	163, 179, 146
RGB Percent	64%, 70%, 57%
CMY	0.3602, 0.2974, 0.4268
CMYK	0.09, 0.00, 0.18, 0.30
HSL	89°, 18%, 64%
HSV	89°, 18%, 70%
XYZ	36.4890, 42.1875, 33.4769
YIQ	170.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

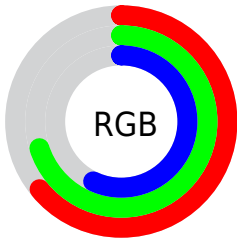
Format	Color
RYB	146, 179, 162
Decimal	10728338
CIELab	71.00, -11.61, 15.01
CIELCh	71, 18.976, 127.706
Yxy	42.1875, 0.3253, 0.3762
Android (android.graphics.Color)	4288918418 (0xFFA3B392)
YUV	170.4540, -12.0558, -6.5372
Hunter-Lab	64.9519, -13.3872, 14.9076

Details

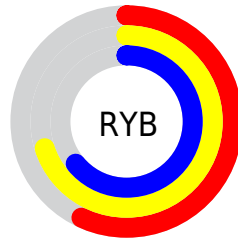
The CIELCh color $71, 18.976, 127.706$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $63, 19.471, 309.396$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 19.129, 127.894$, and $51, 18.993, 127.409$ is the 20% darker color. If you saturate the color by 10%, you get $70, 29.229, 127.225$, and if you desaturate by 10%, it is $72, 8.667, 128.180$.

Distribution



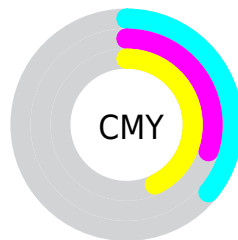
- Red (64%)
- Green (70%)
- Blue (57%)



- Red (57%)
- Yellow (70%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)





- Cyan (36%)
- Magenta (30%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 18.976, 127.706 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, 18.976, 127.706 by changing the saturation by 10% instead.


 71, 18.976,
127.706


 71, 18.976,
127.706


 100, 18.976,
127.706


 61, 18.976,
127.706


 91, 18.976,
127.706

 51, 18.976,
127.706

 41, 18.976,
127.706

 31, 18.976,
127.706

 21, 18.976,
127.706

 11, 18.976,
127.706

 1, 18.976, 127.706

0, 18.976, 127.706

71, 18.976,
127.706

71, 18.976,
127.706

70, 29.229,
127.225

72, 8.667, 128.180

69, 39.314,
126.745

73, 1.629, 308.541

68, 49.077,
126.303

74, 11.855,
309.001

68, 58.295,
125.954

76, 21.973,
309.373

67, 66.652,
125.778

77, 31.958,
309.709

66, 73.741,
125.887

78, 41.789,
310.009

79, 43.273,

■ 66, 79.133,
126.405

313.513

■ 65, 82.745,
127.352

■ 80, 44.248,
317.190

■ 65, 83.264,
127.499

■ 81, 45.386,
320.751

Harmonies

Complementary

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



71, 18.976, 127.706



63, 19.471, 309.396

Rectangle

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



71, 18.976, 127.706



71, 18.976, 177.706



71, 18.976, 307.706



71, 18.976, 357.706

Sweetspot

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



71, 18.978, 127.708



91, 7.612, 128.289



68, 11.132, 71.371



49, 5.091, 128.259



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, 18.978, 127.708



89, 27.956, 127.518



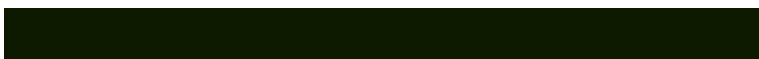
70, 21.971, 142.881



37, 5.811, 128.138



57, 73.970, 127.293



7, 14.448, 132.270

Inverse Universe

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



63, 19.471, 309.396



77, 28.846, 309.600



64, 22.000, 324.965



35, 5.892, 308.946



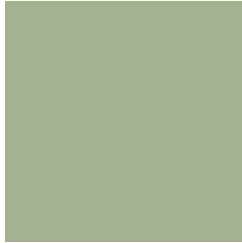
23, 85.363, 311.724



1, 13.807, 304.742

Previews

White Background



This preview shows how the CIELCh color 71, 18.976, 127.706 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, 18.976, 127.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

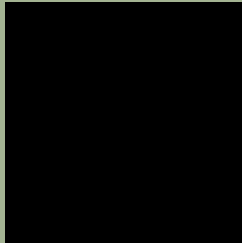
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 18.976, 127.706

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.976, 127.706.

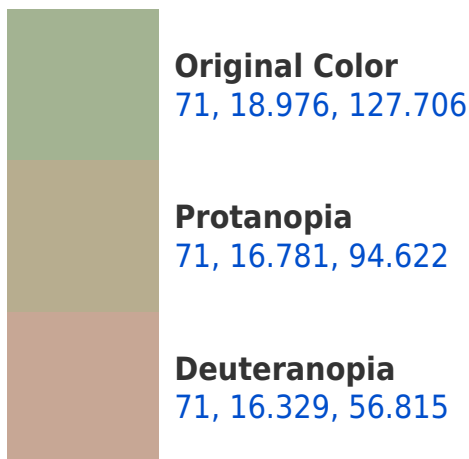


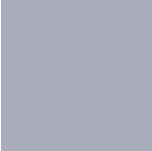
This preview shows how white text looks on a background with the CIELCh color 71, 18.976, 127.706.

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, 7.760, 280.217

Trichromacy



Original Color
71, 18.976, 127.706

Protanomaly
71, 16.806, 107.126

Deuteranomaly
71, 13.900, 83.275

Tritanomaly
71, 3.423, 170.696

Monochromacy



Original Color
71, 18.976, 127.706

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.949, 128.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.976, 127.706 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(163, 179, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 179, 146)  
}
```

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(163, 179, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 179, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.976, 127.706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

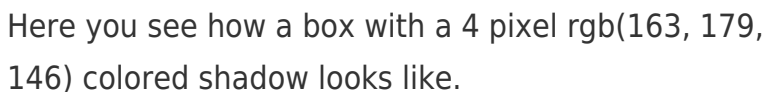
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 179, 146) }
```

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

```
.border{ border-color:rgb(163, 179, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 179, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 179, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 179, 146); box-shadow:4px 4px 4px 4px rgb(163, 179, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.976, 127.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 179, 146) }
```

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

```
.background{ background-color: rgb(163,  
179, 146) }
```

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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