

Converting Colors

CIELCh(73, 16.364, 121.670)

Have a look what the booklet for
CIELCh(73, 16.364, 121.670)
contains.

CIELCh(73, 16.036, 121.306)	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(73, 16.036, 121.306)

Conversions

Conversions Part 1

Format	Color
Hex	AEB79A
RGB	174, 183, 154
RGB Percent	68%, 72%, 60%
CMY	0.3179, 0.2826, 0.3963
CMYK	0.05, 0.00, 0.16, 0.28
HSL	79°, 17%, 66%
HSV	79°, 16%, 72%
XYZ	40.1905, 45.1644, 37.1448
YIQ	177.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

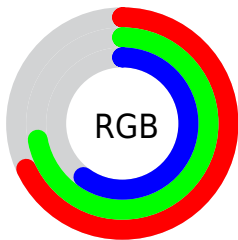
Format	Color
RYB	154, 183, 163
Decimal	11450266
CIELab	73.00, -8.33, 13.70
CIELCh	73, 16.036, 121.306
Yxy	45.1644, 0.3281, 0.3687
Android (android.graphics.Color)	4289640346 (0xFFAEB79A)
YUV	177.0030, -11.3405, -2.6336
Hunter-Lab	67.2044, -10.8589, 14.2727

Details

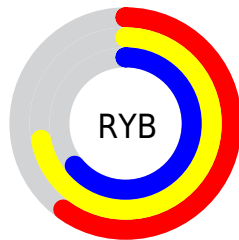
The CIELCh color **73, 16.036, 121.306** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 16.522, 303.145**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.259, 120.682**, and **53, 15.945, 121.954** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.079, 120.734**, and if you desaturate by 10%, it is **74, 5.921, 121.880**.

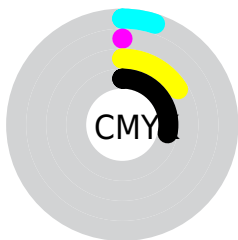
Distribution



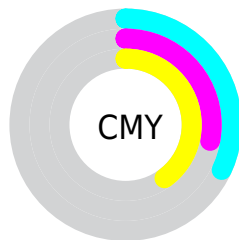
- Red (68%)
- Green (72%)
- Blue (60%)



- Red (60%)
- Yellow (72%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)





- Cyan (32%)
- Magenta (28%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.036, 121.306 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 73, 16.036, 121.306 by changing the saturation by 10% instead.


 73, 16.036,
121.306


 73, 16.036,
121.306


 100, 16.036,
121.306


 63, 16.036,
121.306


 93, 16.036,
121.306

 53, 16.036,
121.306

 43, 16.036,
121.306

 33, 16.036,
121.306

 23, 16.036,
121.306

 13, 16.036,
121.306

 3, 16.036, 121.306

73, 16.036,
121.306

73, 16.036,
121.306

72, 26.079,
120.734

74, 5.921, 121.880

71, 35.953,
120.168

75, 4.207, 302.403

71, 45.521,
119.644

76, 14.302,
302.926

70, 54.581,
119.206

77, 24.329,
303.410

70, 62.835,
118.925

78, 34.266,
303.858

69, 69.888,
118.893

79, 39.592,
305.349

79, 39.987,

■ 69, 75.293,
119.221

308.004

■ 68, 78.757,
119.994

■ 80, 40.461,
310.636

■ 68, 79.900,
120.369

■ 80, 41.013,
313.231

Harmonies

Complementary

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



73, 16.036, 121.306



65, 16.522, 303.145

Rectangle

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



73, 16.036, 121.306



73, 16.036, 171.306



73, 16.036, 301.306



73, 16.036, 351.306

Sweetspot

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



73, 16.038, 121.310



93, 6.244, 121.924



68, 9.349, 50.514



50, 4.295, 121.884



97, 0.011, 296.813



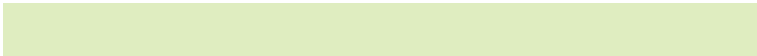
50, 0.007, 296.813

Same Dimension

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



73, 16.038, 121.310



92, 23.718, 121.110



72, 18.119, 138.065



38, 5.750, 121.682



59, 70.796, 120.185



9, 16.080, 126.248

Inverse Universe

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



65, 16.522, 303.145



80, 24.597, 303.381



66, 18.260, 319.497



36, 5.856, 302.727



20, 89.464, 308.588



1, 15.605, 299.205

Previews

White Background



This preview shows how the CIELCh color 73, 16.036, 121.306 looks on a white background.

Color Contrast Check

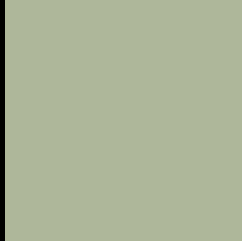
Large Text (above 18pt) WCAG AA × Fail

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 73, 16.036, 121.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

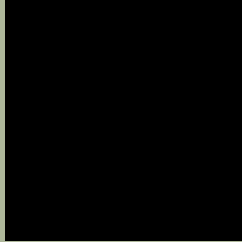
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

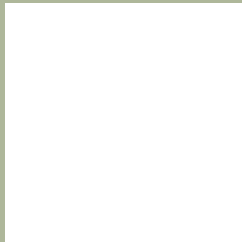
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 16.036, 121.306

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.036, 121.306.



This preview shows how white text looks on a background with the CIELCh color 73, 16.036, 121.306.

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
73, 16.036, 121.306

Protanopia
73, 15.005, 94.948

Deuteranopia
73, 15.880, 53.086



Tritanopia
73, 7.623, 293.637

Trichromacy



Original Color
73, 16.036, 121.306

Protanomaly
73, 14.612, 104.096

Deuteranomaly
73, 13.452, 76.911

Tritanomaly
73, 1.561, 155.758

Monochromacy



Original Color
73, 16.036, 121.306

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.543, 121.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.036, 121.306 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(174, 183, 154)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 154)  
}
```

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(174, 183, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.036, 121.306 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(174, 183, 154) }
```

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

```
.border{ border-color:rgb(174, 183, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 183, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 154);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.036, 121.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 154) }
```

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

```
.background{ background-color: rgb(174,  
183, 154) }
```

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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