

Converting Colors

CIELCh(73, 6.962, 133.888)

Have a look what the booklet for
CIELCh(73, 6.962, 133.888) contains.

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Color

CIELCh(73, 7.186, 134.419)

Conversions

Conversions Part 1

Format	Color
Hex	AEB6AA
RGB	174, 182, 170
RGB Percent	68%, 71%, 67%
CMY	0.3190, 0.2876, 0.3347
CMYK	0.04, 0.00, 0.07, 0.29
HSL	100°, 8%, 69%
HSV	100°, 7%, 71%
XYZ	41.2610, 45.1644, 44.4050
YIQ	178.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

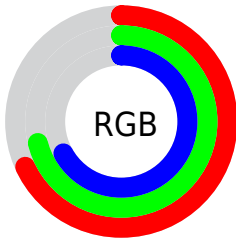
Format	Color
RYB	170, 182, 178
Decimal	11450026
CIELab	73.00, -5.03, 5.13
CIELCh	73, 7.186, 134.419
Yxy	45.1644, 0.3154, 0.3452
Android (android.graphics.Color)	4289640106 (0xFFFAEB6AA)
YUV	178.2400, -4.0623, -3.7185
Hunter-Lab	67.2044, -8.0155, 7.8675

Details

The CIELCh color **73, 7.186, 134.419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 7.241, 314.920**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 7.451, 135.287**, and **53, 6.965, 133.359** is the 20% darker color. If you saturate the color by 10%, you get **72, 18.140, 133.958**, and if you desaturate by 10%, it is **74, 3.688, 314.762**.

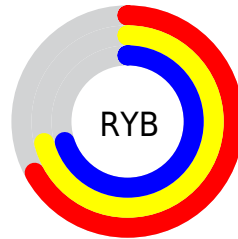
Distribution



Red (68%)

Green (71%)

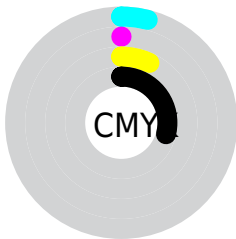
Blue (67%)



Red (67%)

Yellow (71%)

Blue (70%)

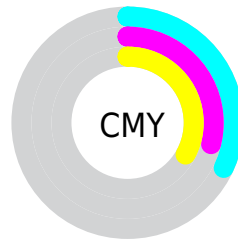


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (29%)



Cyan (32%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.186, 134.419 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, 7.186, 134.419 by changing the saturation by 10% instead.

■ 73, 7.186, 134.419

■ 73, 7.186, 134.419

■ 100, 7.186,
134.419

■ 63, 7.186, 134.419

■ 93, 7.186, 134.419

■ 53, 7.186, 134.419

■ 43, 7.186, 134.419

■ 33, 7.186, 134.419

■ 23, 7.186, 134.419

■ 13, 7.186, 134.419

■ 3, 7.186, 134.419

■ 0, 7.186, 134.419

■ 73, 7.186, 134.419

■ 73, 7.186, 134.419

72, 18.140,
133.958

74, 3.688, 314.762

70, 29.083,
133.463

76, 14.427,
315.153

69, 39.896,
132.940

78, 24.987,
315.472

68, 50.411,
132.414

79, 35.339,
315.748

68, 60.393,
131.932

81, 42.873,
317.504

67, 69.518,
131.567

82, 44.552,
322.575

66, 77.367,
131.426

83, 45.940,
326.014

66, 83.480,
131.637

65, 87.576,

Harmonies

Complementary

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



73, 7.186, 134.419



70, 7.241, 314.920

Rectangle

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



73, 7.186, 134.419



73, 7.186, 184.419



73, 7.186, 314.419



73, 7.186, 4.419

Sweetspot

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



73, 7.188, 134.422



93, 2.690, 134.663



73, 4.579, 90.271



50, 1.541, 134.671



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, 7.188, 134.422



92, 10.821, 134.352



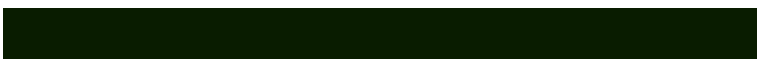
73, 7.084, 149.024



38, 6.228, 134.297



56, 78.969, 132.322



8, 17.532, 137.491

Inverse Universe

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



70, 7.241, 314.920



89, 10.910, 314.988



71, 7.105, 329.745



36, 6.283, 315.041



28, 83.233, 316.468



2, 16.522, 310.944

Previews

White Background



This preview shows how the CIELCh color 73, 7.186, 134.419 looks on a white background.

Color Contrast Check

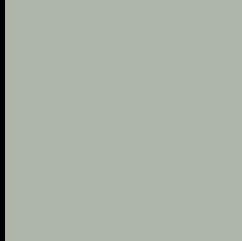
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 7.186, 134.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

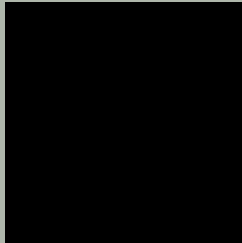
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

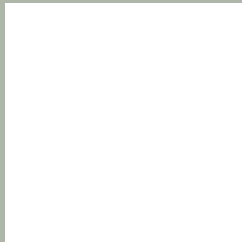
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 7.186, 134.419

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.186, 134.419.

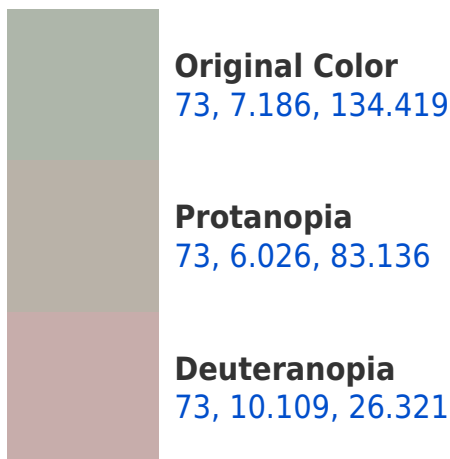



This preview shows how white text looks on a background with the CIELCh color 73, 7.186, 134.419.

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
73, 7.612, 288.202

Trichromacy



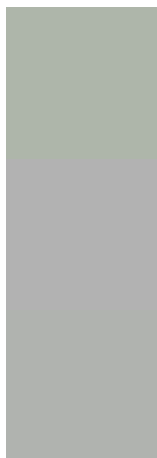
Original Color
73, 7.186, 134.419

Protanomaly
73, 5.455, 101.593

Deuteranomaly
73, 6.004, 46.456

Tritanomaly
73, 2.918, 268.283

Monochromacy



Original Color
73, 7.186, 134.419

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.449, 137.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 7.186, 134.419 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, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 170)  
}
```

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, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.186, 134.419 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, 182, 170) }
```

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

```
.border{ border-color:rgb(174, 182, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 182, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(174, 182,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.186, 134.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 170) }
```

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

```
.background{ background-color: rgb(174,  
182, 170) }
```

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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