

Converting Colors

CIELCh(73, 5.279, 142.175)

Have a look what the booklet for
CIELCh(73, 5.279, 142.175) contains.

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Color

CIELCh(73, 5.090, 140.836)

Conversions

Conversions Part 1

Format	Color
Hex	AEB5AD
RGB	174, 181, 173
RGB Percent	68%, 71%, 68%
CMY	0.3169, 0.2895, 0.3209
CMYK	0.04, 0.00, 0.04, 0.29
HSL	113°, 5%, 69%
HSV	113°, 4%, 71%
XYZ	41.6161, 45.1644, 46.1501
YIQ	177.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

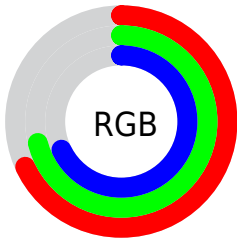
Format	Color
RYB	173, 181, 180
Decimal	11449773
CIELab	73.00, -3.95, 3.21
CIELCh	73, 5.090, 140.836
Yxy	45.1644, 0.3131, 0.3398
Android (android.graphics.Color)	4289639853 (0xFFAEB5AD)
YUV	177.9950, -2.4625, -3.5036
Hunter-Lab	67.2044, -7.0723, 6.3280

Details

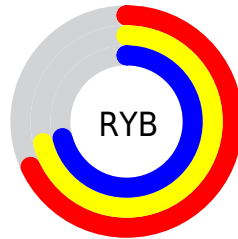
The CIELCh color $73, 5.090, 140.836$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 5.114, 321.171$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.465, 141.262$, and $53, 4.723, 140.276$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.729, 140.278$, and if you desaturate by 10%, it is $75, 6.400, 321.220$.

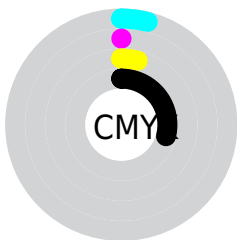
Distribution



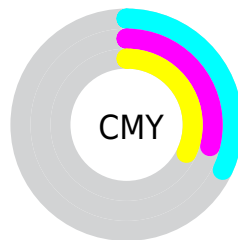
- Red (68%)
- Green (71%)
- Blue (68%)



- Red (68%)
- Yellow (71%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.090, 140.836 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, 5.090, 140.836 by changing the saturation by 10% instead.

■ 73, 5.090, 140.836

■ 73, 5.090, 140.836

■ 100, 5.090,
140.836

■ 63, 5.090, 140.836

■ 93, 5.090, 140.836

■ 53, 5.090, 140.836

■ 43, 5.090, 140.836

■ 33, 5.090, 140.836

■ 23, 5.090, 140.836

■ 13, 5.090, 140.836

■ 3, 5.090, 140.836

■ 0, 5.090, 140.836

■ 73, 5.090, 140.836

■ 73, 5.090, 140.836

71, 16.729,
140.278

75, 6.400, 321.220

70, 28.402,
139.662

77, 17.671,
321.631

69, 39.956,
138.967

79, 28.670,
321.967

68, 51.185,
138.203

81, 39.369,
322.251

67, 61.814,
137.396

83, 45.977,
325.426

66, 71.488,
136.604

83, 46.234,
326.024

65, 79.765,
135.924

65, 86.156,
135.482

65, 90.280,

Harmonies

Complementary

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



73, 5.090, 140.836



72, 5.114, 321.171

Rectangle

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



73, 5.090, 140.836



73, 5.090, 190.836



73, 5.090, 320.836



73, 5.090, 10.836

Sweetspot

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



73, 5.092, 140.838



93, 1.411, 141.142



73, 3.763, 103.638



49, 0.801, 141.155



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



73, 5.092, 140.838



92, 7.114, 140.800



73, 4.078, 156.879



38, 3.965, 140.770



56, 81.984, 135.290



8, 18.351, 141.958

Inverse Universe

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



72, 5.114, 321.171



90, 7.143, 321.208



72, 4.102, 337.346



37, 3.980, 321.235



33, 80.619, 323.482



3, 17.744, 319.442

Previews

White Background



This preview shows how the CIELCh color 73, 5.090, 140.836 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, 5.090, 140.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

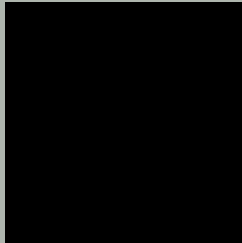
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

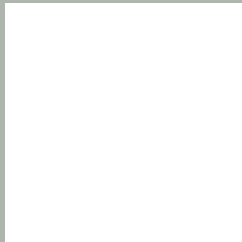
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.090, 140.836

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.090, 140.836.



This preview shows how white text looks on a background with the CIELCh color 73, 5.090, 140.836.

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, 5.090, 140.836

Protanopia

73, 3.952, 74.550

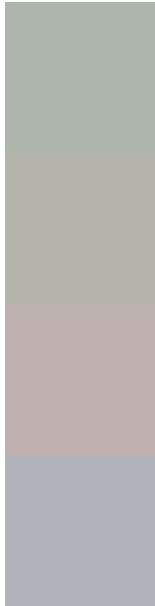
Deuteranopia

73, 9.635, 13.769



Tritanopia
73, 7.612, 288.202

Trichromacy



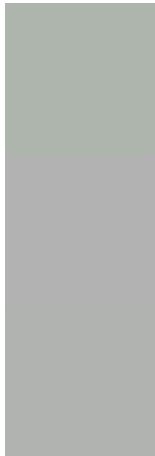
Original Color
73, 5.090, 140.836

Protanomaly
73, 3.799, 104.069

Deuteranomaly
73, 5.061, 32.039

Tritanomaly
73, 3.426, 271.797

Monochromacy



Original Color
73, 5.090, 140.836

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.791, 134.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.090, 140.836 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, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 173)  
}
```

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, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.090, 140.836 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, 181, 173) }
```

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

```
.border{ border-color:rgb(174, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.090, 140.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 173) }
```

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

```
.background{ background-color: rgb(174,  
181, 173) }
```

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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