

Converting Colors

CIELCh(73, 3.948, 157.633)

Have a look what the booklet for
CIELCh(73, 3.948, 157.633) contains.

CIELCh(73, 4.052, 157.250)	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, 4.052, 157.250)

Conversions

Conversions Part 1

Format	Color
Hex	ADB5B0
RGB	173, 181, 176
RGB Percent	68%, 71%, 69%
CMY	0.3209, 0.2895, 0.3091
CMYK	0.04, 0.00, 0.03, 0.29
HSL	142°, 5%, 69%
HSV	142°, 4%, 71%
XYZ	41.6851, 45.1644, 47.6852
YIQ	178.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

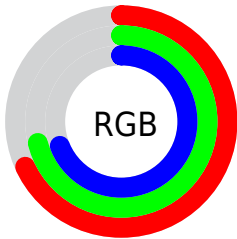
Format	Color
R_{YB}	173, 179, 181
Decimal	11384240
CIE Lab	73.00, -3.74, 1.57
CIE LCh	73, 4.052, 157.250
Yxy	45.1644, 0.3098, 0.3357
Android (android.graphics.Color)	4289574320 (0xFFADB5B0)
YUV	178.0380, -1.0047, -4.4183
Hunter-Lab	67.2044, -6.8890, 4.9737

Details

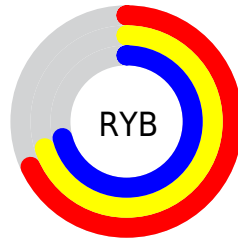
The CIELCh color `73, 4.052, 157.250` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 4.078, 337.714`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 4.118, 160.585`, and `53, 3.635, 159.665` is the 20% darker color. If you saturate the color by 10%, you get `71, 13.292, 156.402`, and if you desaturate by 10%, it is `75, 5.105, 337.792`.

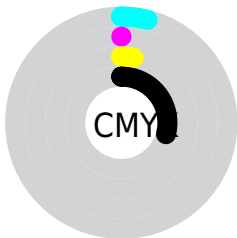
Distribution



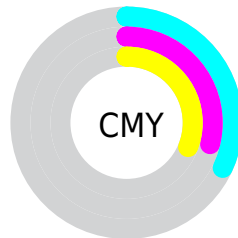
- Red (68%)
- Green (71%)
- Blue (69%)



- Red (68%)
- Yellow (70%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.052, 157.250 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, 4.052, 157.250 by changing the saturation by 10% instead.

■ 73, 4.052, 157.250

■ 73, 4.052, 157.250

■ 100, 4.052,
157.250

■ 63, 4.052, 157.250

■ 93, 4.052, 157.250

■ 53, 4.052, 157.250

■ 43, 4.052, 157.250

■ 33, 4.052, 157.250

■ 23, 4.052, 157.250

■ 13, 4.052, 157.250

■ 3, 4.052, 157.250

■ 0, 4.052, 157.250

■ 73, 4.052, 157.250

■ 73, 4.052, 157.250

71, 13.292,
156.402

75, 5.105, 337.792

70, 22.511,
155.504

77, 14.111,
338.459

69, 31.587,
154.488

79, 22.912,
339.033

68, 40.376,
153.330

81, 31.476,
339.550

67, 48.715,
152.005

82, 37.640,
336.423

66, 56.445,
150.495

82, 41.838,
330.527

65, 63.421,
148.788

83, 46.238,
326.024

65, 69.543,
146.890

65, 74.771,

144.837

Harmonies

Complementary

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



73, 4.052, 157.250



72, 4.078, 337.714

Rectangle

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



73, 4.052, 157.250



73, 4.052, 207.250



73, 4.052, 337.250



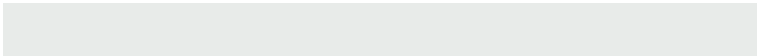
73, 4.052, 27.250

Sweetspot

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



73, 4.054, 157.244



93, 1.124, 157.771



73, 4.473, 124.075



49, 0.638, 157.795



96, 0.011, 296.813



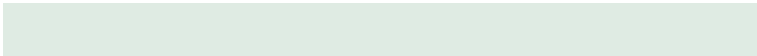
49, 0.007, 296.813

Same Dimension

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



73, 4.054, 157.244



92, 5.664, 157.184



73, 3.019, 188.267



38, 3.156, 157.138



56, 68.731, 143.993



8, 15.570, 153.267

Inverse Universe

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



72, 4.078, 337.714



90, 5.697, 337.773



71, 3.085, 8.673



37, 3.175, 337.818



34, 61.285, 350.360



3, 13.252, 343.566

Previews

White Background



This preview shows how the CIELCh color 73, 4.052, 157.250 looks on a white background.

Color Contrast Check

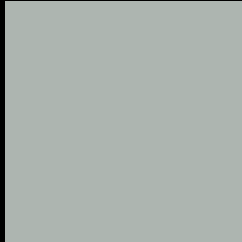
Large Text (above 18pt) WCAG AA × Fail

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, 4.052, 157.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

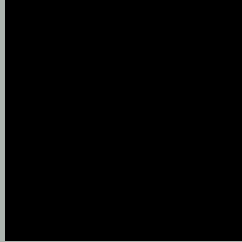
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

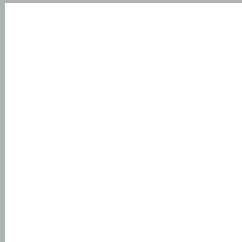
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.052, 157.250

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.052, 157.250.



This preview shows how white text looks on a background with the CIELCh color 73, 4.052, 157.250.

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

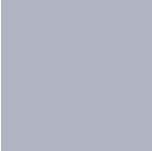
73, 4.052, 157.250

Protanopia

73, 2.476, 60.269

Deuteranopia

73, 9.524, 3.729



Tritanopia
73, 7.660, 282.820

Trichromacy



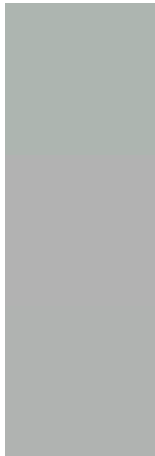
Original Color
73, 4.052, 157.250

Protanomaly
73, 2.159, 109.940

Deuteranomaly
73, 4.573, 12.895

Tritanomaly
73, 4.187, 264.770

Monochromacy



Original Color
73, 4.052, 157.250

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.563, 155.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.052, 157.250 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(173, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 176)  
}
```

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(173, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.052, 157.250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

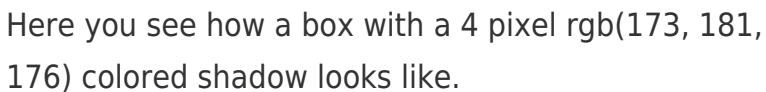
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 181, 176) }
```

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

```
.border{ border-color:rgb(173, 181, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 181, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 181, 176); box-shadow:4px 4px 4px 4px rgb(173, 181, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.052, 157.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 176) }
```

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

```
.background{ background-color: rgb(173,  
181, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor