

Converting Colors

CIELCh(73, 2.826, 154.544)

Have a look what the booklet for
CIELCh(73, 2.826, 154.544) contains.

CIELCh(73, 3.130, 155.540)	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, 3.130, 155.540)

Conversions

Conversions Part 1

Format	Color
Hex	AFB5B1
RGB	175, 181, 177
RGB Percent	69%, 71%, 69%
CMY	0.3149, 0.2914, 0.3071
CMYK	0.03, 0.00, 0.02, 0.29
HSL	140°, 4%, 70%
HSV	140°, 3%, 71%
XYZ	41.9780, 45.1644, 47.9408
YIQ	178.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

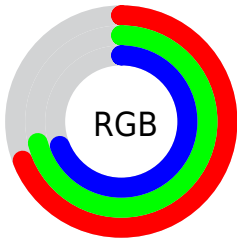
Format	Color
RYB	175, 180, 181
Decimal	11515313
CIELab	73.00, -2.85, 1.30
CIELCh	73, 3.130, 155.540
Yxy	45.1644, 0.3108, 0.3343
Android (android.graphics.Color)	4289705393 (0xFFAFB5B1)
YUV	178.7500, -0.8628, -3.2887
Hunter-Lab	67.2044, -6.1110, 4.7481

Details

The CIELCh color `73, 3.130, 155.540` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 3.151, 335.785`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 2.972, 155.622`, and `53, 3.064, 150.367` is the 20% darker color. If you saturate the color by 10%, you get `71, 12.639, 154.708`, and if you desaturate by 10%, it is `75, 6.272, 336.040`.

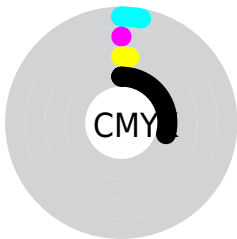
Distribution



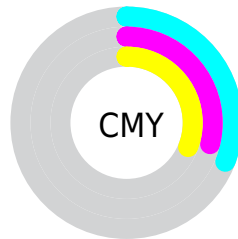
- Red (69%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.130, 155.540 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, 3.130, 155.540 by changing the saturation by 10% instead.

■ 73, 3.130, 155.540

■ 73, 3.130, 155.540

■ 100, 3.130,
155.540

■ 63, 3.130, 155.540

■ 93, 3.130, 155.540

■ 53, 3.130, 155.540

■ 43, 3.130, 155.540

■ 33, 3.130, 155.540

■ 23, 3.130, 155.540

■ 13, 3.130, 155.540

■ 3, 3.130, 155.540

■ 0, 3.130, 155.540

■ 73, 3.130, 155.540

■ 73, 3.130, 155.540

71, 12.639,
154.708

75, 6.272, 336.040

70, 22.153,
153.845

77, 15.501,
336.659

69, 31.549,
152.867

79, 24.505,
337.195

68, 40.679,
151.747

81, 33.255,
337.675

67, 49.373,
150.462

82, 39.414,
334.061

66, 57.459,
148.996

82, 44.065,
328.384

65, 64.777,
147.341

83, 46.535,
326.035

65, 71.201,
145.506

65, 76.661,

143.531

Harmonies

Complementary

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



73, 3.130, 155.540



72, 3.151, 335.785

Rectangle

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



73, 3.130, 155.540



73, 3.130, 205.540



73, 3.130, 335.540



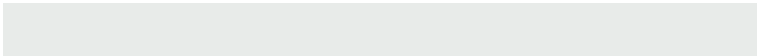
73, 3.130, 25.540

Sweetspot

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



73, 3.132, 155.533



93, 1.158, 155.929



73, 3.326, 122.262



49, 0.658, 155.952



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, 3.132, 155.533



92, 4.667, 155.462



73, 2.308, 184.451



37, 2.647, 155.409



55, 70.165, 142.533



7, 13.566, 152.618

Inverse Universe

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



72, 3.151, 335.785



90, 4.693, 335.855



72, 2.344, 4.619



37, 2.661, 335.906



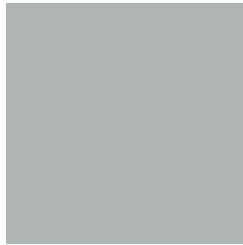
33, 61.954, 347.030



2, 11.881, 340.579

Previews

White Background



This preview shows how the CIELCh color 73, 3.130, 155.540 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, 3.130, 155.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

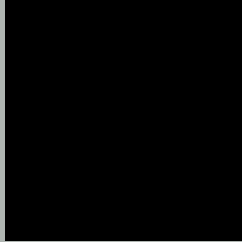
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

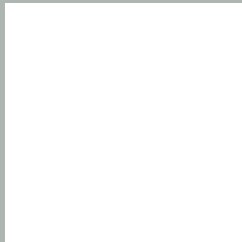
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.130, 155.540

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.130, 155.540.



This preview shows how white text looks on a background with the CIELCh color 73, 3.130, 155.540.

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, 3.130, 155.540

Protanopia

73, 2.476, 60.269

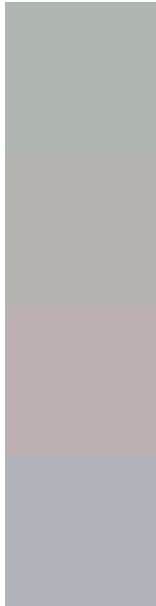
Deuteranopia

73, 9.155, 3.001



Tritanopia
73, 7.612, 288.202

Trichromacy



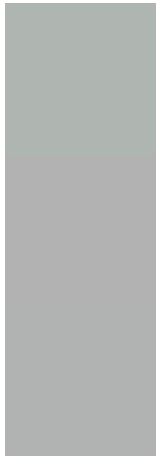
Original Color
73, 3.130, 155.540

Protanomaly
73, 1.656, 96.873

Deuteranomaly
73, 4.665, 6.285

Tritanomaly
73, 3.943, 274.411

Monochromacy



Original Color
73, 3.130, 155.540

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.922, 163.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.130, 155.540 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(175, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 181, 177)  
}
```

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(175, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 181, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.130, 155.540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

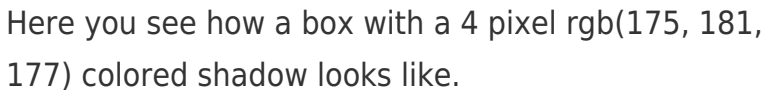
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 181, 177) }
```

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

```
.border{ border-color:rgb(175, 181, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 181, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 181, 177); box-shadow:4px 4px 4px 4px rgb(175, 181, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.130, 155.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 181, 177) }
```

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

```
.background{ background-color: rgb(175,  
181, 177) }
```

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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