

Converting Colors

CIELCh(73, 1.577, 155.575)

Have a look what the booklet for
CIELCh(73, 1.577, 155.575) contains.

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Color

CIELCh(73, 1.561, 155.758)

Conversions

Conversions Part 1

Format	Color
Hex	B1B4B2
RGB	177, 180, 178
RGB Percent	69%, 71%, 70%
CMY	0.3062, 0.2944, 0.3022
CMYK	0.02, 0.00, 0.01, 0.29
HSL	140°, 2%, 70%
HSV	140°, 2%, 71%
XYZ	42.4513, 45.1644, 48.5627
YIQ	178.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

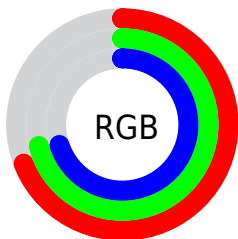
Format	Color
RYB	177, 179, 180
Decimal	11646130
CIELab	73.00, -1.42, 0.64
CIElCh	73, 1.561, 155.758
Yxy	45.1644, 0.3117, 0.3317
Android (android.graphics.Color)	4289836210 (0xFFB1B4B2)
YUV	178.8750, -0.4314, -1.6444
Hunter-Lab	67.2044, -4.8539, 4.1995

Details

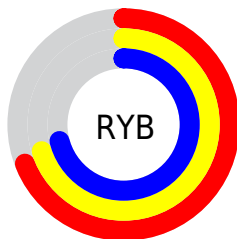
The CIELCh color `73, 1.561, 155.758` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 1.578, 335.563`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 1.482, 155.844`, and `53, 1.667, 155.658` is the 20% darker color. If you saturate the color by 10%, you get `71, 11.028, 154.835`, and if you desaturate by 10%, it is `75, 7.785, 336.144`.

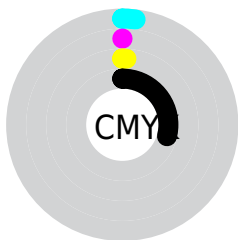
Distribution



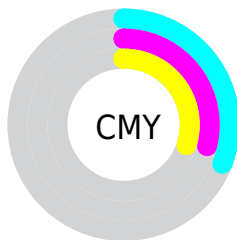
- Red (69%)
- Green (71%)
- Blue (70%)



- Red (69%)
- Yellow (70%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.561, 155.758 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, 1.561, 155.758 by changing the saturation by 10% instead.

■ 73, 1.561, 155.758

■ 73, 1.561, 155.758

■ 100, 1.561,
155.758

■ 63, 1.561, 155.758

■ 93, 1.561, 155.758

■ 53, 1.561, 155.758

■ 43, 1.561, 155.758

■ 33, 1.561, 155.758

■ 23, 1.561, 155.758

■ 13, 1.561, 155.758

■ 3, 1.561, 155.758

■ 0, 1.561, 155.758

■ 73, 1.561, 155.758

■ 73, 1.561, 155.758

71, 11.028,
154.835

75, 7.785, 336.144

70, 20.517,
153.989

77, 16.949,
336.745

69, 29.911,
153.032

79, 25.884,
337.270

67, 39.065,
151.937

81, 34.560,
337.742

66, 47.815,
150.682

82, 40.251,
333.469

66, 55.988,
149.248

82, 44.922,
327.990

65, 63.419,
147.625

82, 47.008,
326.050

65, 69.978,
145.819

64, 75.584,

143.864

Harmonies

Complementary

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



73, 1.561, 155.758



72, 1.578, 335.563

Rectangle

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



73, 1.561, 155.758



73, 1.561, 205.758



73, 1.561, 335.758



73, 1.561, 25.758

Sweetspot

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



73, 1.563, 155.744



93, 1.158, 155.922



73, 1.660, 122.367



49, 0.658, 155.945



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, 1.563, 155.744



92, 2.327, 155.682



73, 1.156, 184.798



38, 1.055, 155.709



55, 70.174, 142.527



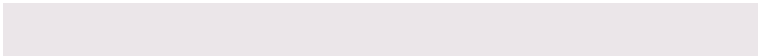
7, 13.567, 152.614

Inverse Universe

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



72, 1.578, 335.563



92, 2.346, 335.624



72, 1.170, 4.270



37, 1.064, 335.597



33, 61.960, 347.017



2, 11.883, 340.570

Previews

White Background



This preview shows how the CIELCh color 73, 1.561, 155.758 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, 1.561, 155.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

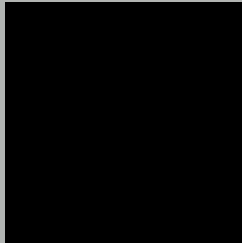
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

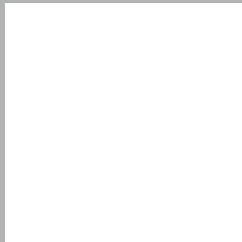
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.561, 155.758

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.561, 155.758.



This preview shows how white text looks on a background with the CIELCh color 73, 1.561, 155.758.

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, 1.561, 155.758

Protanopia

73, 1.950, 35.404

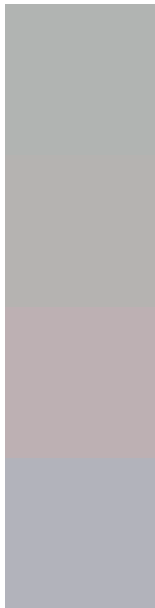
Deuteranopia

73, 9.316, 359.809



Tritanopia
73, 7.623, 293.637

Trichromacy



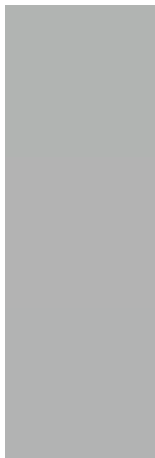
Original Color
73, 1.561, 155.758

Protanomaly
73, 1.304, 74.895

Deuteranomaly
73, 5.175, 1.478

Tritanomaly
73, 4.357, 285.797

Monochromacy



Original Color
73, 1.561, 155.758

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.371, 200.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.561, 155.758 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(177, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 180, 178)  
}
```

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(177, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 180, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.561, 155.758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

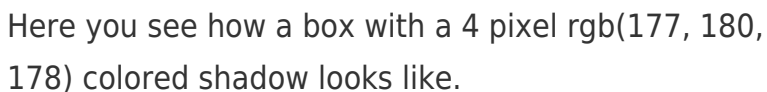
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 180, 178) }
```

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

```
.border{ border-color:rgb(177, 180, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 180,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.561, 155.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 180, 178) }
```

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

```
.background{ background-color: rgb(177,  
180, 178) }
```

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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