

Converting Colors

CIELCh(71, 5.438, 155.590)

Have a look what the booklet for
CIELCh(71, 5.438, 155.590) contains.

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Color

CIELCh(71, 5.004, 158.278)

Conversions

Conversions Part 1

Format	Color
Hex	A6B0AA
RGB	166, 176, 170
RGB Percent	65%, 69%, 67%
CMY	0.3481, 0.3089, 0.3324
CMYK	0.06, 0.00, 0.03, 0.31
HSL	144°, 6%, 67%
HSV	144°, 6%, 69%
XYZ	38.6251, 42.1875, 44.2545
YIQ	172.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

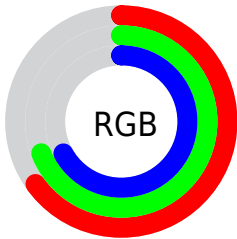
Format	Color
RYB	166, 173, 176
Decimal	10924202
CIELab	71.00, -4.65, 1.85
CIELCh	71, 5.004, 158.278
Yxy	42.1875, 0.3088, 0.3373
Android (android.graphics.Color)	4289114282 (0xFFA6B0AA)
YUV	172.3260, -1.1467, -5.5479
Hunter-Lab	64.9519, -7.5167, 5.0695

Details

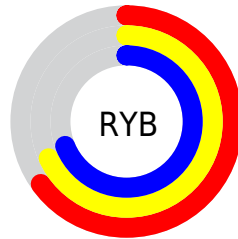
The CIELCh color **71, 5.004, 158.278** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 5.038, 338.977**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.365, 156.709**, and **51, 5.341, 158.094** is the 20% darker color. If you saturate the color by 10%, you get **69, 13.870, 157.419**, and if you desaturate by 10%, it is **73, 3.802, 338.840**.

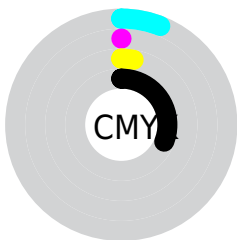
Distribution



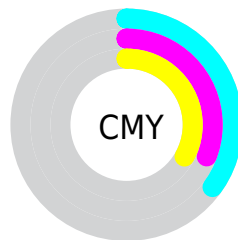
- Red (65%)
- Green (69%)
- Blue (67%)



- Red (65%)
- Yellow (68%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.004, 158.278 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 71, 5.004, 158.278 by changing the saturation by 10% instead.

■ 71, 5.004, 158.278

■ 71, 5.004, 158.278

■ 100, 5.004,
158.278

■ 61, 5.004, 158.278

■ 91, 5.004, 158.278

■ 51, 5.004, 158.278

■ 41, 5.004, 158.278

■ 31, 5.004, 158.278

■ 21, 5.004, 158.278

■ 11, 5.004, 158.278

■ 1, 5.004, 158.278

■ 0, 5.004, 158.278

■ 71, 5.004, 158.278

■ 71, 5.004, 158.278

69, 13.870,
157.419

73, 3.802, 338.840

68, 22.695,
156.496

74, 12.478,
339.551

67, 31.358,
155.453

76, 20.970,
340.151

66, 39.719,
154.266

78, 29.243,
340.693

65, 47.626,
152.912

81, 37.275,
341.189

64, 54.928,
151.371

81, 40.975,
335.304

64, 61.498,
149.630

81, 44.939,
330.276

63, 67.252,
147.695

82, 49.221,
326.180

63, 72.176,

82, 49.283,
326.127

145.603

Harmonies

Complementary

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



71, 5.004, 158.278



69, 5.038, 338.977

Rectangle

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



71, 5.004, 158.278



71, 5.004, 208.278



71, 5.004, 338.278



71, 5.004, 28.278

Sweetspot

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



71, 5.006, 158.273



91, 2.177, 158.667



71, 5.640, 124.628



48, 1.236, 158.686



96, 0.011, 296.813



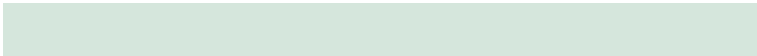
48, 0.006, 296.813

Same Dimension

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



71, 5.006, 158.273



90, 7.657, 158.148



71, 3.768, 189.482



37, 4.041, 158.119



55, 66.413, 144.998



7, 13.068, 154.648

Inverse Universe

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



69, 5.038, 338.977



87, 7.710, 339.100



69, 3.875, 10.142



36, 4.069, 339.128



33, 59.843, 352.390



2, 11.304, 344.263

Previews

White Background



This preview shows how the CIELCh color 71, 5.004, 158.278 looks on a white background.

Color Contrast Check

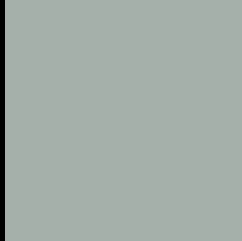
Large Text (above 18pt) WCAG AA × Fail

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 71, 5.004, 158.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

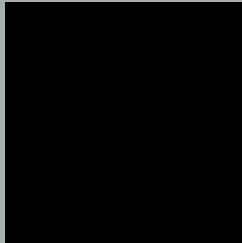
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

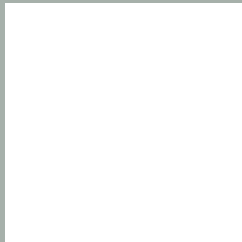
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.004, 158.278

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.004, 158.278.



This preview shows how white text looks on a background with the CIELCh color 71, 5.004, 158.278.

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

71, 5.004, 158.278

Protanopia

71, 3.306, 74.646

Deuteranopia

71, 9.076, 6.329



Tritanopia
71, 7.291, 276.549

Trichromacy



Original Color
71, 5.004, 158.278

Protanomaly
71, 2.716, 109.887

Deuteranomaly
71, 4.187, 19.650

Tritanomaly
71, 4.121, 252.097

Monochromacy



Original Color
71, 5.004, 158.278

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.571, 155.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.004, 158.278 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(166, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(166, 176, 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(166, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 176, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.004, 158.278 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(166, 176, 170) }
```

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

```
.border{ border-color:rgb(166, 176, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(166, 176,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.004, 158.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 176, 170) }
```

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

```
.background{ background-color: rgb(166,  
176, 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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