

Converting Colors

CIELCh(70, 5.288, 329.954)

Have a look what the booklet for
CIELCh(70, 5.288, 329.954) contains.

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Color

CIELCh(70, 5.137, 331.575)

Conversions

Conversions Part 1

Format	Color
Hex	B2A9B0
RGB	178, 169, 176
RGB Percent	70%, 66%, 69%
CMY	0.3036, 0.3389, 0.3115
CMYK	0.00, 0.05, 0.01, 0.30
HSL	313°, 5%, 68%
HSV	313°, 5%, 70%
XYZ	40.1645, 40.7494, 46.6007
YIQ	172.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

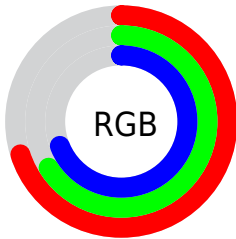
Format	Color
RYB	178, 169, 176
Decimal	11708848
CIELab	70.00, 4.52, -2.45
CIELCh	70, 5.137, 331.575
Yxy	40.7494, 0.3150, 0.3196
Android (android.graphics.Color)	4289898928 (0xFFB2A9B0)
YUV	172.4890, 1.7309, 4.8331
Hunter-Lab	63.8353, 0.5987, 1.4021

Details

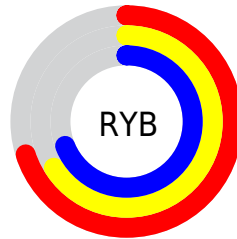
The CIELCh color $70, 5.137, 331.575$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 5.115, 151.055$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 5.507, 330.730$, and $50, 5.222, 328.363$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.371, 332.254$, and if you desaturate by 10%, it is $75, 4.938, 151.082$.

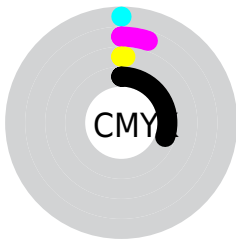
Distribution



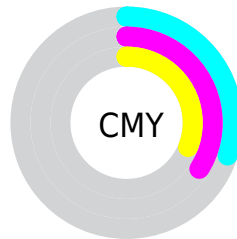
- Red (70%)
- Green (66%)
- Blue (69%)



- Red (70%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.137, 331.575 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 70, 5.137, 331.575 by changing the saturation by 10% instead.

■ 70, 5.137, 331.575

■ 70, 5.137, 331.575

■ 100, 5.137,
331.575

■ 60, 5.137, 331.575

■ 90, 5.137, 331.575

■ 50, 5.137, 331.575

■ 40, 5.137, 331.575

■ 30, 5.137, 331.575

■ 20, 5.137, 331.575

■ 10, 5.137, 331.575

■ 0, 5.137, 331.575

■ 70, 5.137, 331.575

■ 70, 5.137, 331.575

■ 65, 15.371,

■ 75, 4.938, 151.082

332.254

80, 14.776,
150.461

61, 25.646,
332.928

85, 24.341,
149.901

57, 35.772,
333.625

90, 33.616,
149.375

53, 45.476,
334.351

94, 41.214,
149.179

49, 54.392,
335.113

94, 39.661,
151.028

46, 62.081,
335.922

94, 38.139,
153.017

43, 68.086,
336.801

94, 36.655,
155.159

42, 72.037,
337.783

94, 35.215,
157.469

40, 73.802,
338.911

Harmonies

Complementary

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



70, 5.137, 331.575



72, 5.115, 151.055

Rectangle

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



70, 5.137, 331.575



70, 5.137, 21.575



70, 5.137, 151.575



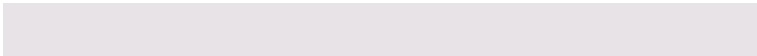
70, 5.137, 201.575

Sweetspot

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



70, 5.135, 331.578



91, 2.519, 331.306



69, 5.002, 298.966



49, 1.444, 331.291



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 5.135, 331.578



88, 7.567, 331.652



70, 3.695, 357.470



36, 4.040, 331.682



34, 66.645, 339.340



2, 13.056, 334.702

Inverse Universe

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



70, 5.135, 331.578



88, 7.567, 331.652



72, 3.634, 176.792



36, 4.040, 331.682



34, 66.645, 339.340



2, 13.056, 334.702

Previews

White Background



This preview shows how the CIELCh color 70, 5.137, 331.575 looks on a white background.

Color Contrast Check

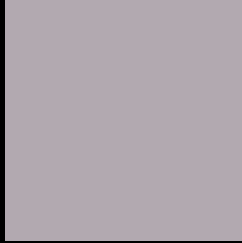
Large Text (above 18pt) WCAG AA × Fail

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 70, 5.137, 331.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

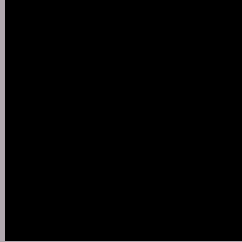
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

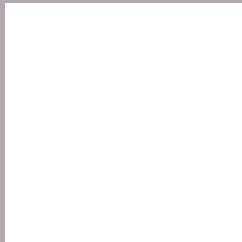
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.137, 331.575

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.137, 331.575.

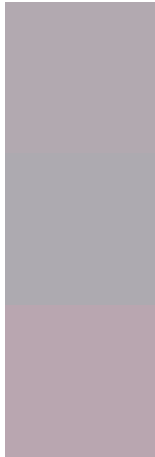


This preview shows how white text looks on a background with the CIELCh color 70, 5.137, 331.575.

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

70, 5.137, 331.575

Protanopia

70, 3.491, 309.184

Deuteranopia

70, 9.049, 343.051



Tritanopia
70, 8.073, 318.165

Trichromacy



Original Color

70, 5.137, 331.575

Protanomaly

70, 4.471, 320.628

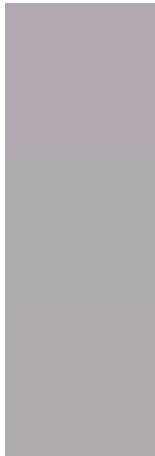
Deuteranomaly

70, 7.526, 339.200

Tritanomaly

70, 7.124, 322.236

Monochromacy



Original Color

70, 5.137, 331.575

Achromatopsia

70, 0.009, 296.813

Achromatomaly

70, 1.586, 335.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.137, 331.575 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(178, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 169, 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(178, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 169, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.137, 331.575 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(178, 169, 176) }
```

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

```
.border{ border-color:rgb(178, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 169,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.137, 331.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 169, 176) }
```

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

```
.background{ background-color: rgb(178,  
169, 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](#).

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