

Converting Colors

CIELCh(70, 5.823, 65.474)

Have a look what the booklet for
CIELCh(70, 5.823, 65.474) contains.

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Color

CIELCh(70, 5.710, 61.504)

Conversions

Conversions Part 1

Format	Color
Hex	B4A9A2
RGB	180, 169, 162
RGB Percent	71%, 66%, 64%
CMY	0.2937, 0.3368, 0.3642
CMYK	0.00, 0.06, 0.10, 0.29
HSL	23°, 11%, 67%
HSV	23°, 10%, 71%
XYZ	39.5913, 40.7494, 40.0150
YIQ	171.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

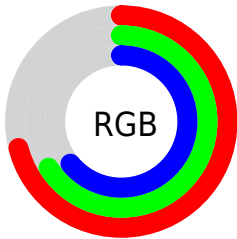
Format	Color
RYB	180, 173, 162
Decimal	11839906
CIELab	70.00, 2.72, 5.02
CIELCh	70, 5.710, 61.504
Yxy	40.7494, 0.3290, 0.3386
Android (android.graphics.Color)	4290029986 (0xFFB4A9A2)
YUV	171.4910, -4.6791, 7.4624
Hunter-Lab	63.8353, -1.0042, 7.5188

Details

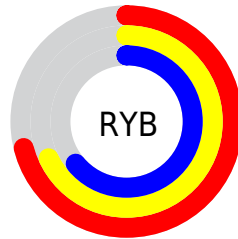
The CIELCh color **70, 5.710, 61.504** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 5.481, 243.716**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.673, 59.206**, and **50, 5.837, 63.914** is the 20% darker color. If you saturate the color by 10%, you get **67, 11.796, 60.607**, and if you desaturate by 10%, it is **73, 0.011, 283.628**.

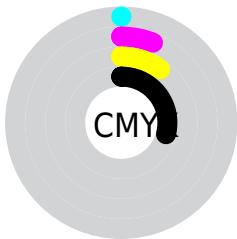
Distribution



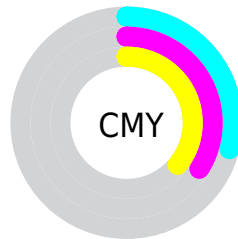
- Red (71%)
- Green (66%)
- Blue (64%)



- Red (71%)
- Yellow (68%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.710, 61.504 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, 5.710, 61.504 by changing the saturation by 10% instead.

 70, 5.710, 61.504  70, 5.710, 61.504

 100, 5.710, 61.504  60, 5.710, 61.504

 90, 5.710, 61.504  50, 5.710, 61.504

 40, 5.710, 61.504

 30, 5.710, 61.504

 20, 5.710, 61.504

 10, 5.710, 61.504

 0, 5.710, 61.504

 70, 5.710, 61.504  70, 5.710, 61.504

 67, 11.796, 60.607  73, 0.011, 283.628

63, 18.285, 59.692

77, 5.397, 243.625

60, 25.203, 58.812

80, 10.494,
244.556

57, 32.552, 57.979

84, 15.333,
245.497

54, 40.291, 57.186

52, 48.283, 56.396

87, 19.945,
246.423

49, 56.204, 55.490

90, 20.015,
229.677

47, 63.376, 54.206

44, 69.310, 52.497

93, 21.428,
210.540

95, 23.954,
197.941

Harmonies

Complementary

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



70, 5.710, 61.504



70, 5.481, 243.716

Rectangle

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



70, 5.710, 61.504



70, 5.710, 111.504



70, 5.710, 241.504



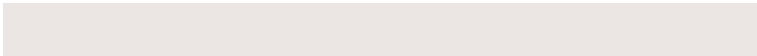
70, 5.710, 291.504

Sweetspot

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



70, 5.710, 61.526



92, 2.076, 62.028



68, 9.171, 338.562



48, 1.577, 62.002



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, 5.710, 61.526



88, 8.559, 61.326



72, 8.640, 103.928



36, 3.205, 61.586



38, 61.196, 52.998



4, 7.506, 51.607

Inverse Universe

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



70, 5.481, 243.716



88, 8.131, 243.970



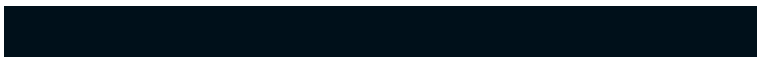
68, 8.791, 286.106



36, 3.086, 243.642



38, 38.928, 269.996



4, 8.021, 255.436

Previews

White Background



This preview shows how the CIELCh color 70, 5.710, 61.504 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 CIELCh color 70, 5.710, 61.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

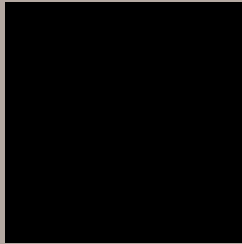
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

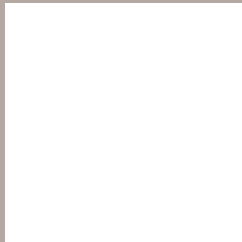
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.710, 61.504

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.710, 61.504.



This preview shows how white text looks on a background with the CIELCh color 70, 5.710, 61.504.

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, 5.710, 61.504

Protanopia

70, 4.448, 78.490

Deuteranopia

70, 10.209, 26.352



Tritanopia
70, 10.000, 330.252

Trichromacy



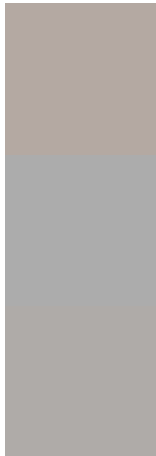
Original Color
70, 5.710, 61.504

Protanomaly
70, 4.659, 74.400

Deuteranomaly
70, 8.333, 31.337

Tritanomaly
70, 6.586, 350.088

Monochromacy



Original Color
70, 5.710, 61.504

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.219, 66.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.710, 61.504 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(180, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 162)  
}
```

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(180, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.710, 61.504 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(180, 169, 162) }
```

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

```
.border{ border-color:rgb(180, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.710, 61.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 162) }
```

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

```
.background{ background-color: rgb(180,  
169, 162) }
```

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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