

Converting Colors

CIELCh(70, 4.863, 40.404)

Have a look what the booklet for
CIELCh(70, 4.863, 40.404) contains.

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Color

CIELCh(70, 4.885, 39.217)

Conversions

Conversions Part 1

Format	Color
Hex	B5A9A6
RGB	181, 169, 166
RGB Percent	71%, 66%, 65%
CMY	0.2917, 0.3387, 0.3505
CMYK	0.00, 0.07, 0.08, 0.29
HSL	12°, 9%, 68%
HSV	12°, 8%, 71%
XYZ	39.9296, 40.7494, 41.6539
YIQ	172.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

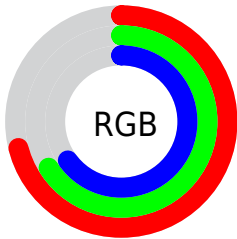
Format	Color
RYB	181, 170, 166
Decimal	11905446
CIELab	70.00, 3.78, 3.09
CIELCh	70, 4.885, 39.217
Yxy	40.7494, 0.3264, 0.3331
Android (android.graphics.Color)	4290095526 (0xFFB5A9A6)
YUV	172.2460, -3.0793, 7.6773
Hunter-Lab	63.8353, -0.0583, 5.9967

Details

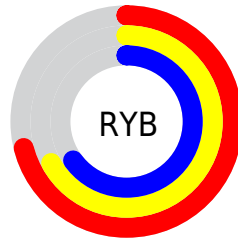
The CIELCh color **70, 4.885, 39.217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 4.644, 219.837**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 4.962, 37.819**, and **50, 4.867, 40.804** is the 20% darker color. If you saturate the color by 10%, you get **66, 11.217, 39.190**, and if you desaturate by 10%, it is **74, 0.964, 220.067**.

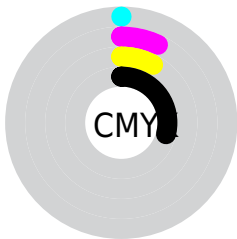
Distribution



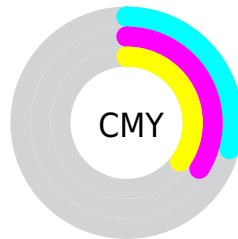
- Red (71%)
- Green (66%)
- Blue (65%)



- Red (71%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.885, 39.217 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, 4.885, 39.217 by changing the saturation by 10% instead.

■ 70, 4.885, 39.217

■ 70, 4.885, 39.217

■ 100, 4.885, 39.217

■ 60, 4.885, 39.217

■ 90, 4.885, 39.217

■ 50, 4.885, 39.217

■ 40, 4.885, 39.217

■ 30, 4.885, 39.217

■ 20, 4.885, 39.217

■ 10, 4.885, 39.217

■ 0, 4.885, 39.217

■ 70, 4.885, 39.217

■ 70, 4.885, 39.217

■ 66, 11.217, 39.190

■ 74, 0.964, 220.067

62, 18.077, 39.220

79, 6.375, 219.893

58, 25.496, 39.396

83, 11.399,
220.175

54, 33.477, 39.762

87, 16.081,
220.513

50, 41.981, 40.350

47, 50.884, 41.164

92, 20.339,
219.551

44, 59.903, 42.132

95, 23.814,
197.949

42, 68.401, 42.987

40, 75.372, 43.367

Harmonies

Complementary

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



70, 4.885, 39.217



72, 4.644, 219.837

Rectangle

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



70, 4.885, 39.217



70, 4.885, 89.217



70, 4.885, 219.217



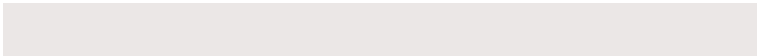
70, 4.885, 269.217

Sweetspot

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



70, 4.884, 39.241



92, 1.418, 39.030



70, 8.689, 331.004



49, 0.805, 39.007



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, 4.884, 39.241



88, 7.333, 39.233



72, 5.935, 92.668



36, 3.314, 39.237



33, 67.295, 43.753



3, 7.982, 34.348

Inverse Universe

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



72, 4.644, 219.837



90, 6.887, 219.882



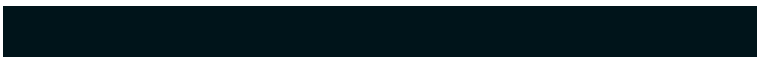
70, 5.956, 274.774



37, 3.130, 219.860



47, 29.968, 234.983



5, 7.507, 229.274

Previews

White Background



This preview shows how the CIELCh color 70, 4.885, 39.217 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, 4.885, 39.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

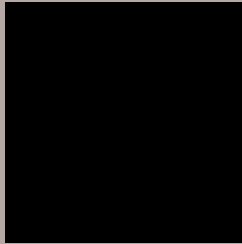
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

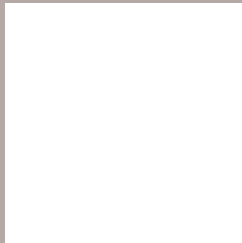
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.885, 39.217

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.885, 39.217.



This preview shows how white text looks on a background with the CIELCh color 70, 4.885, 39.217.

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, 4.885, 39.217

Protanopia

70, 2.498, 60.259

Deuteranopia

70, 9.306, 16.841



Tritanopia
70, 10.000, 330.252

Trichromacy



Original Color
70, 4.885, 39.217

Protanomaly
70, 3.460, 47.726

Deuteranomaly
70, 7.723, 20.027

Tritanomaly
70, 7.184, 342.503

Monochromacy



Original Color
70, 4.885, 39.217

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.602, 39.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.885, 39.217 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(181, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(181, 169, 166)  
}
```

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(181, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.885, 39.217 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(181, 169, 166) }
```

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

```
.border{ border-color:rgb(181, 169, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(181, 169,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.885, 39.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 166) }
```

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

```
.background{ background-color: rgb(181,  
169, 166) }
```

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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