

Converting Colors

CIELCh(69, 4.710, 37.621)

Have a look what the booklet for
CIELCh(69, 4.710, 37.621) contains.

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Color

CIELCh(69, 4.903, 39.217)

Conversions

Conversions Part 1

Format	Color
Hex	B2A6A3
RGB	178, 166, 163
RGB Percent	70%, 65%, 64%
CMY	0.3022, 0.3493, 0.3611
CMYK	0.00, 0.07, 0.08, 0.30
HSL	12°, 9%, 67%
HSV	12°, 8%, 70%
XYZ	38.5709, 39.3444, 40.1779
YIQ	169.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

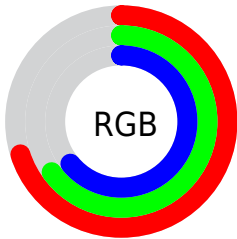
Format	Color
RYB	178, 167, 163
Decimal	11708067
CIELab	69.00, 3.80, 3.10
CIELCh	69, 4.903, 39.217
Yxy	39.3444, 0.3266, 0.3332
Android (android.graphics.Color)	4289898147 (0xFFB2A6A3)
YUV	169.2460, -3.0793, 7.6773
Hunter-Lab	62.7251, -0.0057, 5.9300

Details

The CIELCh color **69, 4.903, 39.217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 4.657, 219.840**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 4.976, 37.819**, and **49, 4.892, 40.801** is the 20% darker color. If you saturate the color by 10%, you get **65, 11.164, 39.190**, and if you desaturate by 10%, it is **73, 0.880, 220.107**.

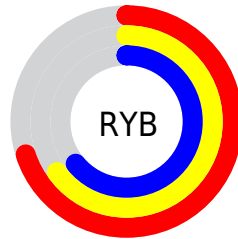
Distribution



Red (70%)

Green (65%)

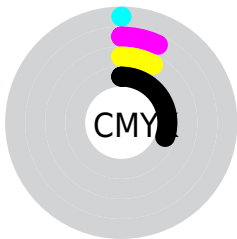
Blue (64%)



Red (70%)

Yellow (65%)

Blue (64%)

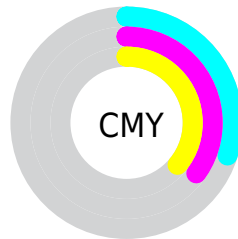


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 4.903, 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 69, 4.903, 39.217 by changing the saturation by 10% instead.

 69, 4.903, 39.217  69, 4.903, 39.217

 100, 4.903, 39.217  59, 4.903, 39.217

 89, 4.903, 39.217  49, 4.903, 39.217

 99, 4.903, 39.217  39, 4.903, 39.217

 29, 4.903, 39.217

 19, 4.903, 39.217

 9, 4.903, 39.217

 0, 4.903, 39.217

 69, 4.903, 39.217  69, 4.903, 39.217

 65, 11.164, 39.190  73, 0.880, 220.107

61, 17.946, 39.221

77, 6.232, 219.890

57, 25.280, 39.398

82, 11.200,
220.170

53, 33.170, 39.765

86, 15.831,
220.507

50, 41.574, 40.354

46, 50.371, 41.169

90, 20.165,
220.872

44, 59.280, 42.136

94, 23.397,
202.667

41, 67.671, 42.989

39, 74.586, 43.397

95, 24.571,
197.902

Harmonies

Complementary

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



69, 4.903, 39.217



71, 4.657, 219.840

Rectangle

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



69, 4.903, 39.217



69, 4.903, 89.217



69, 4.903, 219.217



69, 4.903, 269.217

Sweetspot

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



69, 4.902, 39.241



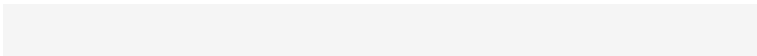
90, 2.118, 39.154



69, 8.717, 331.012



48, 1.624, 39.198



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 4.902, 39.241



87, 7.268, 39.233



71, 5.955, 92.654



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.



71, 4.657, 219.840



89, 6.826, 219.882



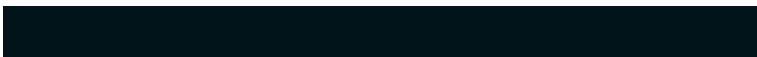
69, 5.975, 274.789



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 69, 4.903, 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 CIELCh color 69, 4.903, 39.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

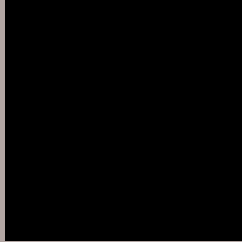
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 4.903, 39.217

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.903, 39.217.



This preview shows how white text looks on a background with the CIELCh color 69, 4.903, 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


69, 4.903, 39.217

Protanopia

69, 2.655, 74.742

Deuteranopia

69, 8.934, 16.664



Tritanopia
69, 9.365, 330.605

Trichromacy



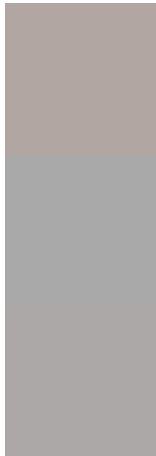
Original Color
69, 4.903, 39.217

Protanomaly
69, 3.132, 51.041

Deuteranomaly
69, 7.348, 19.997

Tritanomaly
69, 6.572, 344.235

Monochromacy



Original Color
69, 4.903, 39.217

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.608, 39.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 4.903, 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(178, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(178, 166, 163)  
}
```

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, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 166, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.903, 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(178, 166, 163) }
```

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

```
.border{ border-color:rgb(178, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(178, 166,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.903, 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(178, 166, 163) }
```

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

```
.background{ background-color: rgb(178,  
166, 163) }
```

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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