

Converting Colors

CIELCh(69, 7.326, 2.844)

Have a look what the booklet for
CIELCh(69, 7.326, 2.844) contains.

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Color

CIELCh(69, 7.244, 2.436)

Conversions

Conversions Part 1

Format	Color
Hex	B6A4A8
RGB	182, 164, 168
RGB Percent	71%, 64%, 66%
CMY	0.2861, 0.3567, 0.3410
CMYK	0.00, 0.10, 0.08, 0.29
HSL	347°, 11%, 68%
HSV	347°, 10%, 71%
XYZ	39.6559, 39.3444, 42.5699
YIQ	169.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

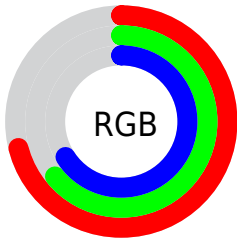
Format	Color
RYB	182, 164, 168
Decimal	11969704
CIELab	69.00, 7.24, 0.31
CIELCh	69, 7.244, 2.436
Yxy	39.3444, 0.3262, 0.3236
Android (android.graphics.Color)	4290159784 (0xFFB6A4A8)
YUV	169.8380, -0.9061, 10.6661
Hunter-Lab	62.7251, 3.0818, 3.6690

Details

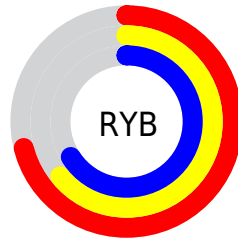
The CIELCh color **69, 7.244, 2.436** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 6.985, 180.764**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 7.207, 3.120**, and **49, 7.375, 1.783** is the 20% darker color. If you saturate the color by 10%, you get **64, 14.919, 3.572**, and if you desaturate by 10%, it is **74, 0.077, 187.660**.

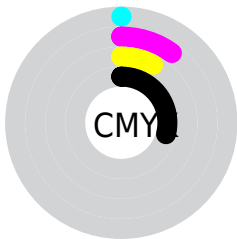
Distribution



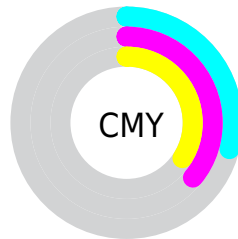
- Red (71%)
- Green (64%)
- Blue (66%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.244, 2.436 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, 7.244, 2.436 by changing the saturation by 10% instead.

69, 7.244, 2.436

69, 7.244, 2.436

100, 7.244, 2.436

59, 7.244, 2.436

89, 7.244, 2.436

49, 7.244, 2.436

99, 7.244, 2.436

39, 7.244, 2.436

29, 7.244, 2.436

19, 7.244, 2.436

9, 7.244, 2.436

0, 7.244, 2.436

69, 7.244, 2.436

69, 7.244, 2.436

64, 14.919, 3.572

74, 0.077, 187.660

59, 22.900, 4.880

79, 7.022, 180.828

55, 31.072, 6.455

85, 13.603,
180.078

50, 39.245, 8.394

90, 19.840,
179.428

46, 47.148, 10.823

43, 54.456, 13.892

95, 25.728,
178.905

41, 60.881, 17.747

95, 23.552,
195.455

39, 66.298, 22.449

38, 71.043, 27.629

95, 23.407,
197.974

Harmonies

Complementary

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



69, 7.244, 2.436



73, 6.985, 180.764

Rectangle

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



69, 7.244, 2.436



69, 7.244, 52.436



69, 7.244, 182.436



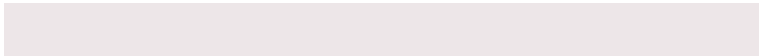
69, 7.244, 232.436

Sweetspot

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



69, 7.242, 2.446



92, 2.680, 1.643



69, 11.185, 318.210



49, 2.052, 1.762



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 7.242, 2.446



86, 10.960, 2.696



70, 5.724, 46.875



36, 4.173, 2.388



32, 62.935, 26.934



2, 10.963, 6.160

Inverse Universe

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



69, 7.242, 2.446



86, 10.960, 2.696



71, 5.411, 228.128



36, 4.173, 2.388



32, 62.935, 26.934



2, 10.963, 6.160

Previews

White Background



This preview shows how the CIELCh color 69, 7.244, 2.436 looks on a white background.

Color Contrast Check

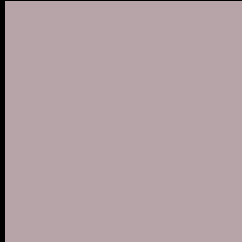
Large Text (above 18pt) WCAG AA × Fail

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 69, 7.244, 2.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

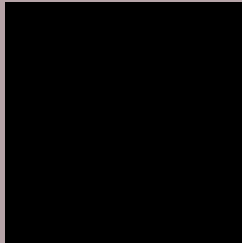
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 7.244, 2.436

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.244, 2.436.



This preview shows how white text looks on a background with the CIELCh color 69, 7.244, 2.436.

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, 7.244, 2.436

Protanopia

69, 1.591, 335.591

Deuteranopia

69, 8.887, 2.278



Tritanopia
69, 10.410, 337.129

Trichromacy



Original Color

69, 7.244, 2.436

Protanomaly

69, 3.240, 359.796

Deuteranomaly

69, 8.518, 1.427

Tritanomaly

69, 9.384, 344.521

Monochromacy



Original Color

69, 7.244, 2.436

Achromatopsia

70, 0.009, 296.813

Achromatomaly

69, 2.347, 5.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.244, 2.436 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(182, 164, 168)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 168)  
}
```

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(182, 164, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.244, 2.436 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(182, 164, 168) }
```

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

```
.border{ border-color:rgb(182, 164, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 168);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.244, 2.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 168) }
```

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

```
.background{ background-color: rgb(182,  
164, 168) }
```

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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