

Converting Colors

CIELCh(69, 7.103, 12.487)

Have a look what the booklet for
CIELCh(69, 7.103, 12.487) contains.

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Color

CIELCh(69, 7.014, 11.015)

Conversions

Conversions Part 1

Format	Color
Hex	B6A4A6
RGB	182, 164, 166
RGB Percent	71%, 64%, 65%
CMY	0.2855, 0.3561, 0.3483
CMYK	0.00, 0.10, 0.09, 0.29
HSL	353°, 11%, 68%
HSV	353°, 10%, 71%
XYZ	39.5437, 39.3444, 41.6748
YIQ	169.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

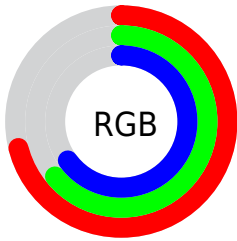
Format	Color
RYB	182, 164, 166
Decimal	11969702
CIELab	69.00, 6.88, 1.34
CIELCh	69, 7.014, 11.015
Yxy	39.3444, 0.3280, 0.3263
Android (android.graphics.Color)	4290159782 (0xFFB6A4A6)
YUV	169.6100, -1.7797, 10.8660
Hunter-Lab	62.7251, 2.7625, 4.5150

Details

The CIELCh color **69, 7.014, 11.015** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 6.678, 189.565**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 6.994, 11.305**, and **49, 7.129, 10.791** is the 20% darker color. If you saturate the color by 10%, you get **64, 14.560, 12.079**, and if you desaturate by 10%, it is **74, 0.080, 196.457**.

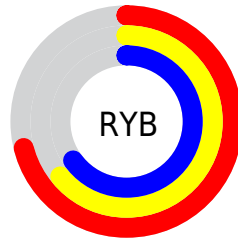
Distribution



Red (71%)

Green (64%)

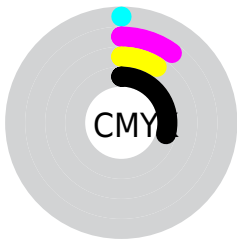
Blue (65%)



Red (71%)

Yellow (64%)

Blue (65%)

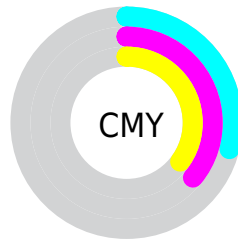


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 7.014, 11.015 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, 7.014, 11.015 by changing the saturation by 10% instead.

 69, 7.014, 11.015  69, 7.014, 11.015

 100, 7.014, 11.015  59, 7.014, 11.015


 89, 7.014, 11.015  49, 7.014, 11.015

 99, 7.014, 11.015  39, 7.014, 11.015

 29, 7.014, 11.015

 19, 7.014, 11.015

 9, 7.014, 11.015

 0, 7.014, 11.015

 69, 7.014, 11.015  69, 7.014, 11.015

 64, 14.560, 12.079  74, 0.080, 196.457

59, 22.537, 13.334

79, 6.726, 189.620

54, 30.868, 14.887

85, 12.953,
188.976

50, 39.404, 16.842

90, 18.796,
188.437

46, 47.918, 19.325

43, 56.126, 22.463

95, 24.176,
188.274

40, 63.750, 26.329

95, 23.366,
197.977

39, 70.558, 30.802

38, 76.420, 35.176

Harmonies

Complementary

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



69, 7.014, 11.015



73, 6.678, 189.565

Rectangle

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



69, 7.014, 11.015



69, 7.014, 61.015



69, 7.014, 191.015



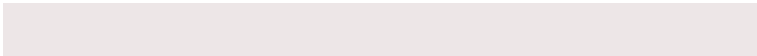
69, 7.014, 241.015

Sweetspot

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



69, 7.012, 11.027



92, 2.583, 10.272



69, 11.561, 321.690



49, 1.978, 10.388



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, 7.012, 11.027



86, 10.630, 11.260



71, 5.688, 60.853



36, 4.039, 10.974



32, 67.603, 34.618



2, 10.729, 12.688

Inverse Universe

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



69, 7.012, 11.027



86, 10.630, 11.260



71, 5.458, 242.989



36, 4.039, 10.974



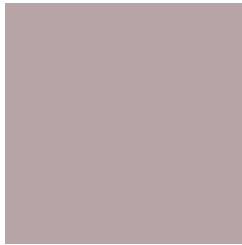
32, 67.603, 34.618



2, 10.729, 12.688

Previews

White Background



This preview shows how the CIELCh color 69, 7.014, 11.015 looks on a white background.

Color Contrast Check

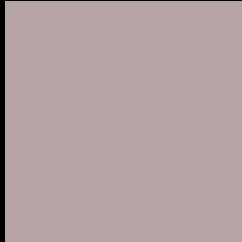
Large Text (above 18pt) WCAG AA × Fail

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, 7.014, 11.015 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, 7.014, 11.015

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.014, 11.015.



This preview shows how white text looks on a background with the CIELCh color 69, 7.014, 11.015.

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, 7.014, 11.015

Protanopia

69, 1.137, 19.078

Deuteranopia

69, 8.645, 9.226



Tritanopia
69, 10.049, 339.420

Trichromacy



Original Color
69, 7.014, 11.015

Protanomaly
69, 3.050, 19.515

Deuteranomaly
69, 8.261, 8.668

Tritanomaly
69, 9.084, 347.346

Monochromacy



Original Color
69, 7.014, 11.015

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, 7.014, 11.015 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 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(182, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.014, 11.015 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, 166) }
```

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

```
.border{ border-color:rgb(182, 164, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.014, 11.015 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, 166) }
```

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

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