

Converting Colors

CIELCh(70, 6.938, 15.454)

Have a look what the booklet for
CIELCh(70, 6.938, 15.454) contains.

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Color

CIELCh(70, 6.938, 15.454)

Conversions

Conversions Part 1

Format	Color
Hex	B9A7A8
RGB	185, 167, 168
RGB Percent	73%, 65%, 66%
CMY	0.2747, 0.3453, 0.3414
CMYK	0.00, 0.10, 0.09, 0.27
HSL	357°, 11%, 69%
HSV	357°, 10%, 73%
XYZ	40.8652, 40.7494, 42.7302
YIQ	172.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

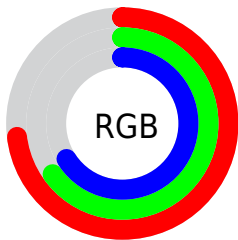
Format	Color
RYB	185, 167, 168
Decimal	12167080
CIELab	70.00, 6.69, 1.85
CIElCh	70, 6.938, 15.454
Yxy	40.7494, 0.3286, 0.3277
Android (android.graphics.Color)	4290357160 (0xFFB9A7A8)
YUV	172.4960, -2.2165, 10.9660
Hunter-Lab	63.8353, 2.5581, 4.9970

Details

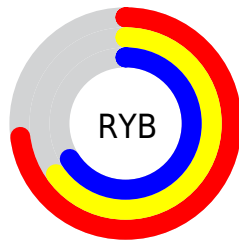
The CIELCh color $70, 6.938, 15.454$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.568, 194.227$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 6.925, 15.535$, and $50, 7.042, 15.448$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.570, 16.431$, and if you desaturate by 10%, it is $75, 0.184, 197.590$.

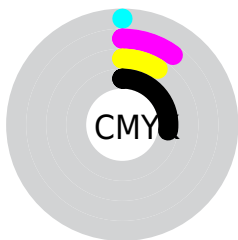
Distribution



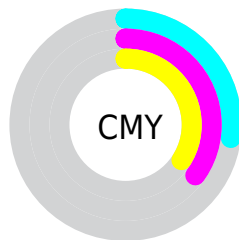
- Red (73%)
- Green (65%)
- Blue (66%)



- Red (73%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.938, 15.454 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, 6.938, 15.454 by changing the saturation by 10% instead.

 70, 6.938, 15.454  70, 6.938, 15.454

 100, 6.938, 15.454  60, 6.938, 15.454

 90, 6.938, 15.454  50, 6.938, 15.454

 40, 6.938, 15.454

 30, 6.938, 15.454

 20, 6.938, 15.454

 10, 6.938, 15.454

 0, 6.938, 15.454

 70, 6.938, 15.454  70, 6.938, 15.454

 65, 14.570, 16.431  75, 0.184, 197.590

60, 22.708, 17.604

81, 6.812, 194.254

55, 31.293, 19.083

86, 12.986,
193.705

51, 40.194, 20.973

91, 18.751,
193.260

47, 49.202, 23.392

43, 58.036, 26.448

96, 22.574,
198.026

41, 66.377, 30.151

39, 73.816, 34.242

38, 79.680, 37.764

Harmonies

Complementary

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



70, 6.938, 15.454



74, 6.568, 194.227

Rectangle

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



70, 6.938, 15.454



70, 6.938, 65.454



70, 6.938, 195.454



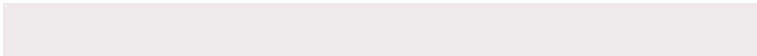
70, 6.938, 245.454

Sweetspot

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



70, 6.936, 15.468



93, 2.579, 14.783



70, 11.699, 323.109



49, 1.959, 14.892



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 6.936, 15.468



87, 10.654, 15.693



72, 5.758, 66.744



36, 4.009, 15.432



32, 69.796, 37.335



2, 10.665, 16.037

Inverse Universe

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



70, 6.936, 15.468



87, 10.654, 15.693



72, 5.571, 249.097



36, 4.009, 15.432



32, 69.796, 37.335



2, 10.665, 16.037

Previews

White Background



This preview shows how the CIELCh color 70, 6.938, 15.454 looks on a white background.

Color Contrast Check

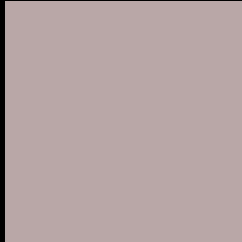
Large Text (above 18pt) WCAG AA × Fail

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, 6.938, 15.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

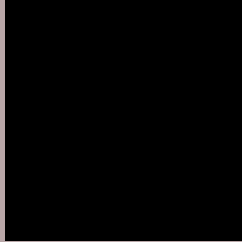
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 6.938, 15.454

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.938, 15.454.



This preview shows how white text looks on a background with the CIELCh color 70, 6.938, 15.454.

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, 6.938, 15.454

Protanopia

70, 1.514, 19.213

Deuteranopia

70, 8.933, 13.166



Tritanopia
70, 10.665, 338.557

Trichromacy



Original Color
70, 6.938, 15.454

Protanomaly
70, 3.426, 19.562

Deuteranomaly
70, 8.544, 12.805

Tritanomaly
70, 8.779, 350.342

Monochromacy



Original Color
70, 6.938, 15.454

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.713, 7.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.938, 15.454 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(185, 167, 168)` looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 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(185, 167, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.938, 15.454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

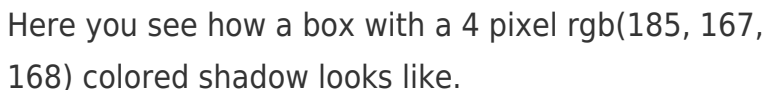
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 167, 168) }
```

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

```
.border{ border-color:rgb(185, 167, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 167, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 167, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 167, 168); box-shadow:4px 4px 4px 4px rgb(185, 167, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.938, 15.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 168) }
```

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

```
.background{ background-color: rgb(185,  
167, 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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