

Converting Colors

CIELCh(70, 7.503, 0.365)

Have a look what the booklet for
CIELCh(70, 7.503, 0.365) contains.

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Color

CIELCh(70, 7.219, 2.420)

Conversions

Conversions Part 1

Format	Color
Hex	B9A7AB
RGB	185, 167, 171
RGB Percent	73%, 65%, 67%
CMY	0.2756, 0.3461, 0.3305
CMYK	0.00, 0.10, 0.08, 0.28
HSL	347°, 11%, 69%
HSV	347°, 10%, 72%
XYZ	41.0362, 40.7494, 44.0961
YIQ	172.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

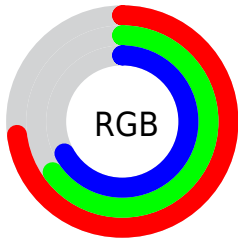
Format	Color
RYB	185, 167, 171
Decimal	12167083
CIELab	70.00, 7.21, 0.30
CIELCh	70, 7.219, 2.420
Yxy	40.7494, 0.3260, 0.3237
Android (android.graphics.Color)	4290357163 (0xFFB9A7AB)
YUV	172.8380, -0.9061, 10.6661
Hunter-Lab	63.8353, 3.0360, 3.7284

Details

The CIELCh color $70, 7.219, 2.420$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.964, 180.777$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.188, 3.110$, and $50, 7.340, 1.754$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.982, 3.555$, and if you desaturate by 10%, it is $75, 0.184, 184.134$.

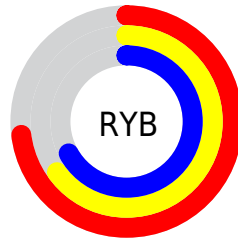
Distribution



Red (73%)

Green (65%)

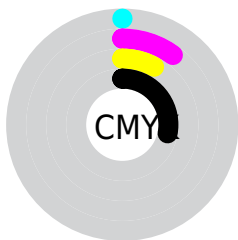
Blue (67%)



Red (73%)

Yellow (65%)

Blue (67%)

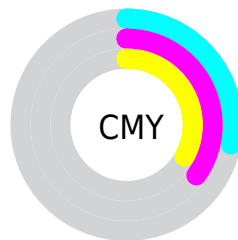


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.219, 2.420 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, 7.219, 2.420 by changing the saturation by 10% instead.

 70, 7.219, 2.420

 70, 7.219, 2.420

 100, 7.219, 2.420

 60, 7.219, 2.420

 90, 7.219, 2.420

 50, 7.219, 2.420

 40, 7.219, 2.420

 30, 7.219, 2.420

 20, 7.219, 2.420

 10, 7.219, 2.420

 0, 7.219, 2.420

 70, 7.219, 2.420

 70, 7.219, 2.420

 65, 14.982, 3.555

 75, 0.184, 184.134

60, 23.055, 4.862

80, 7.207, 180.813

55, 31.323, 6.436

86, 13.861,
180.065

51, 39.596, 8.373

91, 20.167,
179.416

47, 47.597, 10.799

44, 54.999, 13.865

95, 24.207,
182.548

41, 61.507, 17.718

96, 22.637,
198.022

40, 66.996, 22.421

39, 71.783, 27.619

Harmonies

Complementary

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



70, 7.219, 2.420



74, 6.964, 180.777

Rectangle

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



70, 7.219, 2.420



70, 7.219, 52.420



70, 7.219, 182.420



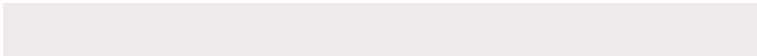
70, 7.219, 232.420

Sweetspot

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



70, 7.217, 2.430



93, 2.704, 1.642



70, 11.148, 318.204



49, 2.052, 1.761



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, 7.217, 2.430



87, 11.055, 2.696



71, 5.703, 46.880



36, 4.173, 2.386



32, 62.935, 26.933



2, 10.963, 6.159

Inverse Universe

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



70, 7.217, 2.430



87, 11.055, 2.696



72, 5.396, 228.120



36, 4.173, 2.386



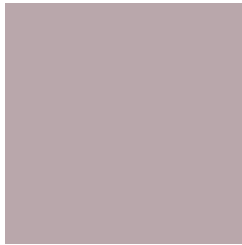
32, 62.935, 26.933



2, 10.963, 6.159

Previews

White Background



This preview shows how the CIELCh color 70, 7.219, 2.420 looks on a white background.

Color Contrast Check

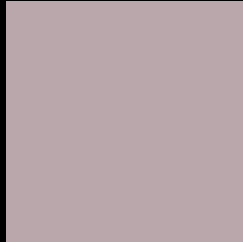
Large Text (above 18pt) WCAG AA × Fail

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 70, 7.219, 2.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

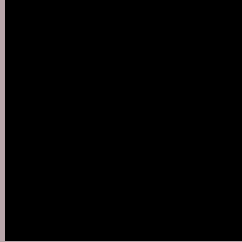
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 7.219, 2.420

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.219, 2.420.



This preview shows how white text looks on a background with the CIELCh color 70, 7.219, 2.420.

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, 7.219, 2.420

Protanopia

70, 2.245, 332.356

Deuteranopia

70, 8.857, 2.259



Tritanopia
70, 10.018, 339.406

Trichromacy



Original Color

70, 7.219, 2.420

Protanomaly

70, 3.796, 354.038

Deuteranomaly

70, 8.489, 1.408

Tritanomaly

70, 9.055, 347.330

Monochromacy



Original Color

70, 7.219, 2.420

Achromatopsia

71, 0.009, 296.813

Achromatomaly

70, 2.339, 5.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.219, 2.420 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.219, 2.420 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, 171) }
```

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

```
.border{ border-color:rgb(185, 167, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 167,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.219, 2.420 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, 171) }
```

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

```
.background{ background-color: rgb(185,  
167, 171) }
```

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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