

Converting Colors

CIELCh(70, 6.221, 9.974)

Have a look what the booklet for
CIELCh(70, 6.221, 9.974) contains.

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Color

CIELCh(70, 6.224, 9.799)

Conversions

Conversions Part 1

Format	Color
Hex	B7A7A9
RGB	183, 167, 169
RGB Percent	72%, 65%, 66%
CMY	0.2810, 0.3437, 0.3359
CMYK	0.00, 0.09, 0.08, 0.28
HSL	353°, 10%, 69%
HSV	353°, 9%, 72%
XYZ	40.6855, 40.7494, 43.4250
YIQ	172.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

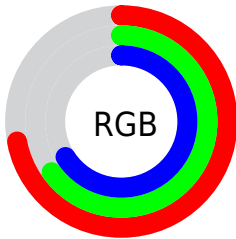
Format	Color
R_{YB}	183, 167, 169
Decimal	12036009
CIE Lab	70.00, 6.13, 1.06
CIE LCh	70, 6.224, 9.799
Yxy	40.7494, 0.3258, 0.3264
Android (android.graphics.Color)	4290226089 (0xFFB7A7A9)
YUV	172.0120, -1.4849, 9.6365
Hunter-Lab	63.8353, 2.0556, 4.3516

Details

The CIELCh color $70, 6.224, 9.799$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 5.968, 188.529$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 6.251, 10.229$, and $50, 6.271, 9.393$ is the 20% darker color. If you saturate the color by 10%, you get $65, 13.765, 10.866$, and if you desaturate by 10%, it is $75, 0.875, 189.616$.

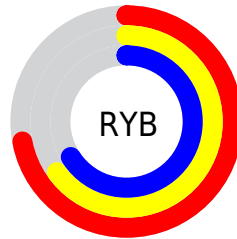
Distribution



Red (72%)

Green (65%)

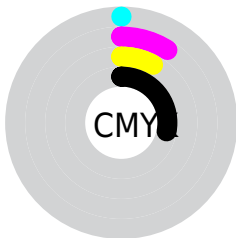
Blue (66%)



Red (72%)

Yellow (65%)

Blue (66%)

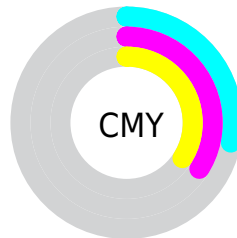


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.224, 9.799 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, 6.224, 9.799 by changing the saturation by 10% instead.

 70, 6.224, 9.799

 70, 6.224, 9.799

 100, 6.224, 9.799

 60, 6.224, 9.799

 90, 6.224, 9.799

 50, 6.224, 9.799

 40, 6.224, 9.799

 30, 6.224, 9.799

 20, 6.224, 9.799

 10, 6.224, 9.799

 0, 6.224, 9.799

 70, 6.224, 9.799

 70, 6.224, 9.799

 65, 13.765, 10.866

 75, 0.875, 189.616

60, 21.730, 12.108

80, 7.536, 188.398

55, 30.042, 13.635

86, 13.785,
187.751

51, 38.554, 15.548

91, 19.659,
187.202

47, 47.044, 17.972

44, 55.224, 21.039

95, 23.526,
191.105

41, 62.813, 24.846

96, 23.034,
197.998

39, 69.597, 29.329

38, 75.480, 33.957

Harmonies

Complementary

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



70, 6.224, 9.799



73, 5.968, 188.529

Rectangle

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



70, 6.224, 9.799



70, 6.224, 59.799



70, 6.224, 189.799



70, 6.224, 239.799

Sweetspot

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



70, 6.222, 9.813



92, 2.591, 9.163



70, 10.207, 321.150



49, 1.985, 9.280



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, 6.222, 9.813



87, 8.826, 9.958



71, 5.018, 58.951



36, 4.051, 9.874



32, 67.009, 33.809



2, 10.750, 11.859

Inverse Universe

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



70, 6.222, 9.813



87, 8.826, 9.958



72, 4.830, 240.778



36, 4.051, 9.874



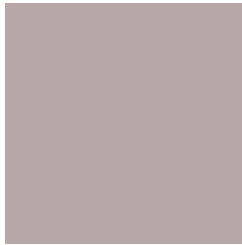
32, 67.009, 33.809



2, 10.750, 11.859

Previews

White Background



This preview shows how the CIELCh color 70, 6.224, 9.799 looks on a white background.

Color Contrast Check

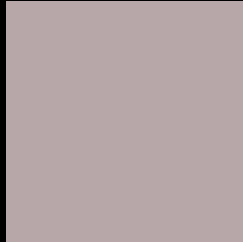
Large Text (above 18pt) WCAG AA × Fail

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, 6.224, 9.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

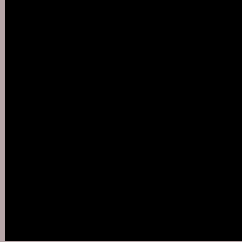
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 6.224, 9.799

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.224, 9.799.



This preview shows how white text looks on a background with the CIELCh color 70, 6.224, 9.799.

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, 6.224, 9.799

Protanopia

70, 1.615, 359.449

Deuteranopia

70, 8.719, 5.685



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color

70, 6.224, 9.799

Protanomaly

70, 3.091, 9.347

Deuteranomaly

70, 7.969, 4.198

Tritanomaly

70, 8.426, 344.416

Monochromacy



Original Color

70, 6.224, 9.799

Achromatopsia

70, 0.009, 296.813

Achromatomaly

70, 2.342, 5.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.224, 9.799 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(183, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 169)  
}
```

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(183, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.224, 9.799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

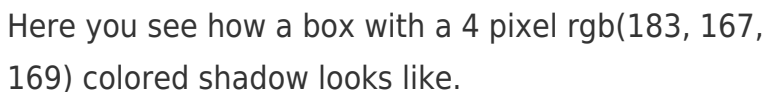
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 167, 169) }
```

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

```
.border{ border-color:rgb(183, 167, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 167, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 167, 169); box-shadow:4px 4px 4px 4px rgb(183, 167, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.224, 9.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 169) }
```

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

```
.background{ background-color: rgb(183,  
167, 169) }
```

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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