

Converting Colors

CIELCh(70, 5.424, 64.256)

Have a look what the booklet for
CIELCh(70, 5.424, 64.256) contains.

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Color

CIELCh(70, 5.424, 64.256)

Conversions

Conversions Part 1

Format	Color
Hex	B3A9A2
RGB	179, 169, 162
RGB Percent	70%, 66%, 64%
CMY	0.2967, 0.3359, 0.3634
CMYK	0.00, 0.06, 0.09, 0.30
HSL	25°, 10%, 67%
HSV	25°, 9%, 70%
XYZ	39.4743, 40.7494, 40.1263
YIQ	171.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

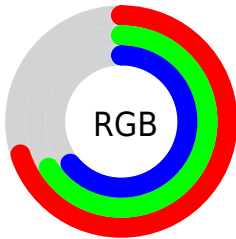
Format	Color
RYB	179, 174, 162
Decimal	11774370
CIELab	70.00, 2.36, 4.89
CIElCh	70, 5.424, 64.256
Yxy	40.7494, 0.3280, 0.3386
Android (android.graphics.Color)	4289964450 (0xFFB3A9A2)
YUV	171.1920, -4.5317, 6.8476
Hunter-Lab	63.8353, -1.3314, 7.4155

Details

The CIELCh color **70, 5.424, 64.256** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 5.237, 246.481**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.394, 61.697**, and **50, 5.542, 66.956** is the 20% darker color. If you saturate the color by 10%, you get **67, 11.489, 63.287**, and if you desaturate by 10%, it is **73, 0.294, 246.755**.

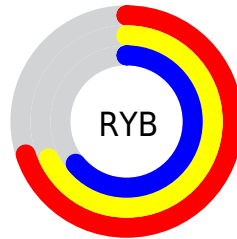
Distribution



Red (70%)

Green (66%)

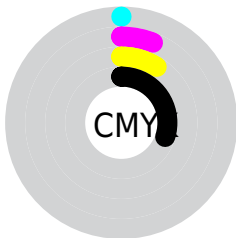
Blue (64%)



Red (70%)

Yellow (68%)

Blue (64%)

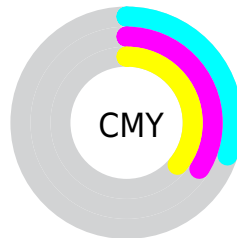


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (30%)



Cyan (30%)


Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.424, 64.256 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, 5.424, 64.256 by changing the saturation by 10% instead.

 70, 5.424, 64.256  70, 5.424, 64.256

 100, 5.424, 64.256  60, 5.424, 64.256

 90, 5.424, 64.256  50, 5.424, 64.256

 40, 5.424, 64.256

 30, 5.424, 64.256

 20, 5.424, 64.256

 10, 5.424, 64.256

 0, 5.424, 64.256

 70, 5.424, 64.256  70, 5.424, 64.256

 67, 11.489, 63.287  73, 0.294, 246.755

64, 17.932, 62.286

77, 5.701, 246.493

61, 24.778, 61.307

80, 10.833,
247.478

58, 32.028, 60.361

83, 15.721,
248.463

55, 39.637, 59.440

52, 47.472, 58.504

86, 20.396,
249.426

50, 55.216, 57.444

89, 20.199,
233.944

47, 62.216, 56.011

45, 67.928, 54.101

92, 21.043,
215.218

95, 23.746,
199.555

95, 24.172,
197.927

Harmonies

Complementary

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



70, 5.424, 64.256



70, 5.237, 246.481

Rectangle

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



70, 5.424, 64.256



70, 5.424, 114.256



70, 5.424, 244.256



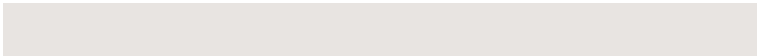
70, 5.424, 294.256

Sweetspot

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



70, 5.424, 64.279



91, 2.072, 64.785



68, 8.565, 339.301



48, 1.588, 64.752



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 5.424, 64.279



88, 7.799, 64.114



72, 8.310, 104.819



36, 3.226, 64.295



38, 60.462, 54.526



4, 7.497, 53.817

Inverse Universe

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



70, 5.237, 246.481



87, 7.474, 246.683



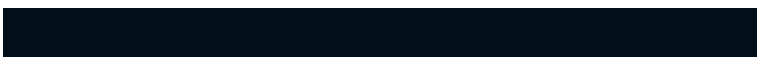
68, 8.456, 286.852



36, 3.116, 246.462



37, 40.731, 273.168



4, 8.166, 257.922

Previews

White Background



This preview shows how the CIELCh color 70, 5.424, 64.256 looks on a white background.

Color Contrast Check

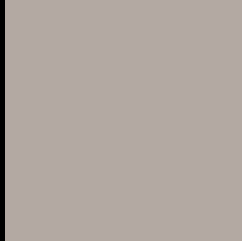
Large Text (above 18pt) WCAG AA × Fail

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, 5.424, 64.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

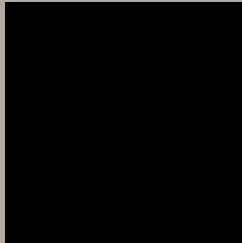
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 5.424, 64.256

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.424, 64.256.

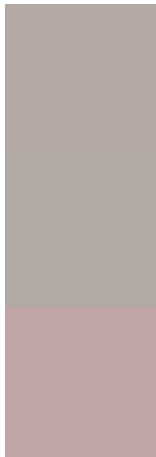


This preview shows how white text looks on a background with the CIELCh color 70, 5.424, 64.256.

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, 5.424, 64.256

Protanopia

70, 4.448, 78.490

Deuteranopia

70, 10.209, 26.352



Tritanopia
70, 9.099, 328.757

Trichromacy



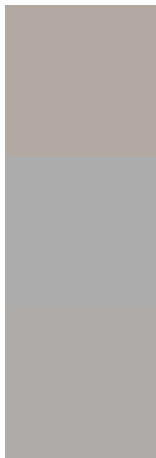
Original Color
70, 5.424, 64.256

Protanomaly
70, 4.659, 74.400

Deuteranomaly
70, 8.081, 35.602

Tritanomaly
70, 5.931, 346.319

Monochromacy



Original Color
70, 5.424, 64.256

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.219, 66.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.424, 64.256 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(179, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 169, 162)  
}
```

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(179, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 169, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.424, 64.256 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(179, 169, 162) }
```

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

```
.border{ border-color:rgb(179, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 169,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.424, 64.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 169, 162) }
```

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

```
.background{ background-color: rgb(179,  
169, 162) }
```

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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