

Converting Colors

CIELCh(70, 7.830, 76.126)

Have a look what the booklet for
CIELCh(70, 7.830, 76.126) contains.

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Color

CIELCh(70, 7.830, 76.126)

Conversions

Conversions Part 1

Format	Color
Hex	B4A99D
RGB	180, 169, 157
RGB Percent	71%, 66%, 62%
CMY	0.2923, 0.3355, 0.3826
CMYK	0.00, 0.06, 0.13, 0.29
HSL	31°, 13%, 66%
HSV	31°, 13%, 71%
XYZ	39.3226, 40.7494, 37.8891
YIQ	170.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

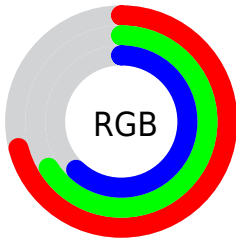
Format	Color
RYB	178, 180, 157
Decimal	11839901
CIELab	70.00, 1.88, 7.60
CIElCh	70, 7.830, 76.126
Yxy	40.7494, 0.3334, 0.3454
Android (android.graphics.Color)	4290029981 (0xFFB4A99D)
YUV	170.9210, -6.8631, 7.9623
Hunter-Lab	63.8353, -1.7555, 9.4934

Details

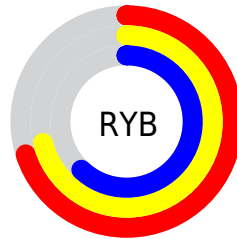
The CIELCh color $70, 7.830, 76.126$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.624, 259.500$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.613, 74.120$, and $50, 7.685, 75.939$ is the 20% darker color. If you saturate the color by 10%, you get $67, 14.276, 74.901$, and if you desaturate by 10%, it is $73, 1.650, 77.220$.

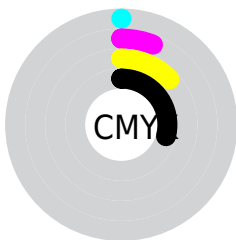
Distribution



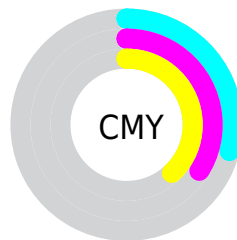
- Red (71%)
- Green (66%)
- Blue (62%)



- Red (70%)
- Yellow (71%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.830, 76.126 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, 7.830, 76.126 by changing the saturation by 10% instead.

 70, 7.830, 76.126  70, 7.830, 76.126

 100, 7.830, 76.126  60, 7.830, 76.126

 90, 7.830, 76.126  50, 7.830, 76.126

 40, 7.830, 76.126

 30, 7.830, 76.126

 20, 7.830, 76.126

 10, 7.830, 76.126

 0, 7.830, 76.126

 70, 7.830, 76.126  70, 7.830, 76.126

 67, 14.276, 74.901  73, 1.650, 77.220

65, 21.000, 73.627

75, 4.287, 258.694

62, 27.998, 72.333

78, 10.004,
259.813

60, 35.235, 71.016

81, 15.523,
260.923

57, 42.606, 69.653

55, 49.881, 68.187

84, 20.867,
261.994

53, 56.606, 66.485

86, 21.532,
254.615

51, 62.022, 64.295

49, 65.180, 62.491

89, 20.094,
239.615

91, 20.118,
223.726

93, 21.555,
209.093

Harmonies

Complementary

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



70, 7.830, 76.126



69, 7.624, 259.500

Rectangle

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



70, 7.830, 76.126



70, 7.830, 126.126



70, 7.830, 256.126



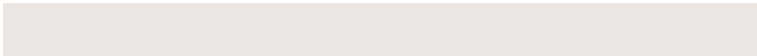
70, 7.830, 306.126

Sweetspot

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



70, 7.831, 76.142



92, 2.981, 77.124



67, 10.730, 345.611



48, 2.121, 77.053



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, 7.831, 76.142



88, 11.463, 75.836



73, 12.423, 109.651



36, 3.421, 76.553



42, 57.585, 63.013



5, 7.636, 65.407

Inverse Universe

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



69, 7.624, 259.500



86, 11.091, 259.872



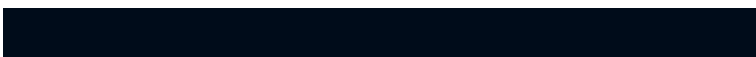
66, 12.786, 292.133



36, 3.360, 259.019



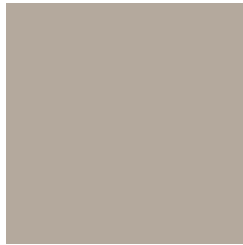
32, 50.752, 285.446



3, 8.971, 267.793

Previews

White Background



This preview shows how the CIELCh color 70, 7.830, 76.126 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, 7.830, 76.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

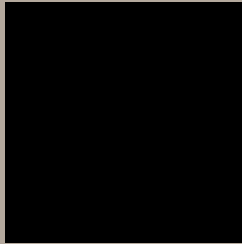
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

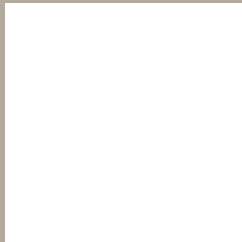
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.830, 76.126

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.830, 76.126.

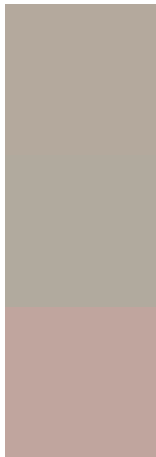


This preview shows how white text looks on a background with the CIELCh color 70, 7.830, 76.126.

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, 7.830, 76.126

Protanopia

70, 7.080, 86.849

Deuteranopia

70, 11.347, 39.803



Tritanopia
70, 9.591, 332.351

Trichromacy



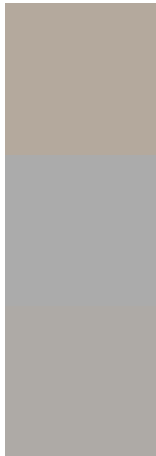
Original Color
70, 7.830, 76.126

Protanomaly
70, 7.239, 83.976

Deuteranomaly
70, 9.627, 50.506

Tritanomaly
70, 6.127, 359.009

Monochromacy



Original Color
70, 7.830, 76.126

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.649, 74.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.830, 76.126 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(180, 169, 157)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 157)  
}
```

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(180, 169, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.830, 76.126 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(180, 169, 157) }
```

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

```
.border{ border-color:rgb(180, 169, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 157);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.830, 76.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 157) }
```

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

```
.background{ background-color: rgb(180,  
169, 157) }
```

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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