

Converting Colors

CIELCh(70, 9.190, 54.361)

Have a look what the booklet for
CIELCh(70, 9.190, 54.361) contains.

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Color

CIELCh(70, 9.283, 51.746)

Conversions

Conversions Part 1

Format	Color
Hex	BBA79E
RGB	187, 167, 158
RGB Percent	73%, 65%, 62%
CMY	0.2661, 0.3445, 0.3798
CMYK	0.00, 0.11, 0.15, 0.27
HSL	19°, 18%, 68%
HSV	19°, 15%, 73%
XYZ	40.5608, 40.7494, 38.1417
YIQ	171.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

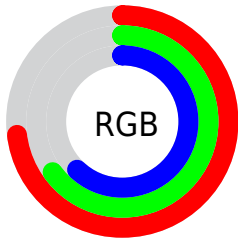
Format	Color
RYB	187, 171, 158
Decimal	12298142
CIELab	70.00, 5.75, 7.29
CIELCh	70, 9.283, 51.746
Yxy	40.7494, 0.3396, 0.3411
Android (android.graphics.Color)	4290488222 (0xFFBBA79E)
YUV	171.9540, -6.8793, 13.1953
Hunter-Lab	63.8353, 1.7067, 9.2588

Details

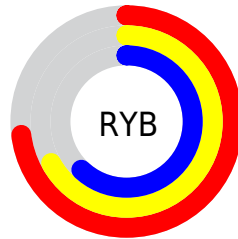
The CIELCh color $70, 9.283, 51.746$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.533, 234.227$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.057, 50.695$, and $50, 9.356, 49.881$ is the 20% darker color. If you saturate the color by 10%, you get $66, 15.858, 51.178$, and if you desaturate by 10%, it is $74, 3.173, 52.325$.

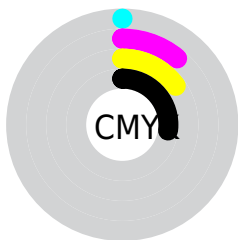
Distribution



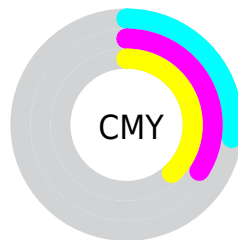
- Red (73%)
- Green (65%)
- Blue (62%)



- Red (73%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.283, 51.746 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, 9.283, 51.746 by changing the saturation by 10% instead.

■ 70, 9.283, 51.746

■ 70, 9.283, 51.746

■ 100, 9.283, 51.746

■ 60, 9.283, 51.746

■ 90, 9.283, 51.746

■ 50, 9.283, 51.746

■ 40, 9.283, 51.746

■ 30, 9.283, 51.746

■ 20, 9.283, 51.746

■ 10, 9.283, 51.746

■ 0, 9.283, 51.746

■ 70, 9.283, 51.746

■ 70, 9.283, 51.746

■ 66, 15.858, 51.178

■ 74, 3.173, 52.325

63, 22.937, 50.663

78, 2.517, 233.369

59, 30.542, 50.244

82, 7.832, 233.971

56, 38.661, 49.934

86, 12.817,
234.690

52, 47.214, 49.723

89, 17.512,
235.425

50, 55.981, 49.544

47, 64.445, 49.201

93, 19.128,
214.747

45, 71.578, 48.263

96, 21.934,
198.066

44, 74.539, 47.908

Harmonies

Complementary

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



70, 9.283, 51.746



71, 8.533, 234.227

Rectangle

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



70, 9.283, 51.746



70, 9.283, 101.746



70, 9.283, 231.746



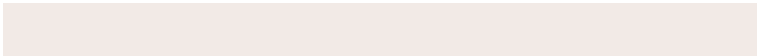
70, 9.283, 281.746

Sweetspot

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



70, 9.283, 51.760



93, 3.553, 52.342



68, 15.626, 335.332



50, 2.450, 52.313



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 9.283, 51.760



87, 14.236, 51.533



74, 12.703, 98.636



38, 3.340, 52.126



37, 65.485, 48.350



4, 10.304, 41.226

Inverse Universe

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



71, 8.533, 234.227



89, 12.790, 234.620



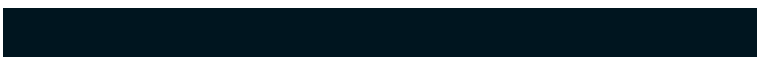
68, 12.921, 282.339



38, 3.183, 233.683



43, 34.634, 257.377



6, 9.734, 246.906

Previews

White Background



This preview shows how the CIE LCh color 70, 9.283, 51.746 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, 9.283, 51.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

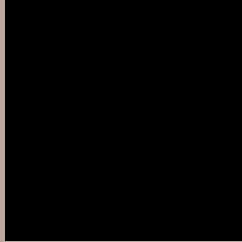
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 9.283, 51.746

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.283, 51.746.



This preview shows how white text looks on a background with the CIELCh color 70, 9.283, 51.746.

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, 9.283, 51.746

Protanopia

70, 6.419, 88.305

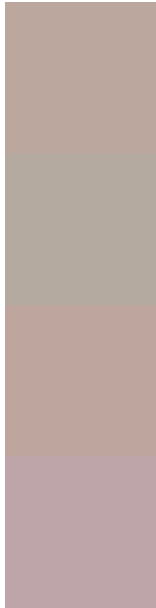
Deuteranopia

70, 11.148, 37.234



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 9.283, 51.746

Protanomaly
70, 7.365, 73.908

Deuteranomaly
70, 10.200, 42.003

Tritanomaly
70, 9.610, 3.782

Monochromacy



Original Color
70, 9.283, 51.746

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.456, 47.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.283, 51.746 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(187, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 158)  
}
```

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(187, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.283, 51.746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

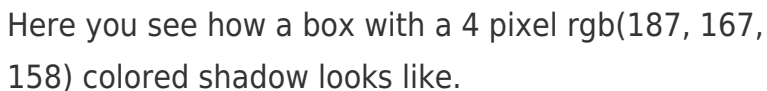
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 167, 158) }
```

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

```
.border{ border-color:rgb(187, 167, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 167, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 167, 158); box-shadow:4px 4px 4px 4px rgb(187, 167, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.283, 51.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 158) }
```

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

```
.background{ background-color: rgb(187,  
167, 158) }
```

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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