

Converting Colors

CIELCh(69, 10.142, 63.512)

Have a look what the booklet for
CIELCh(69, 10.142, 63.512) contains.

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Color

CIELCh(69, 10.099, 64.391)

Conversions

Conversions Part 1

Format	Color
Hex	B7A598
RGB	183, 165, 152
RGB Percent	72%, 65%, 60%
CMY	0.2816, 0.3522, 0.4032
CMYK	0.00, 0.10, 0.17, 0.28
HSL	25°, 18%, 66%
HSV	25°, 17%, 72%
XYZ	38.7483, 39.3444, 35.3391
YIQ	168.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

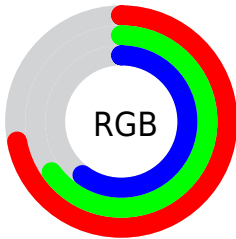
Format	Color
RYB	183, 174, 152
Decimal	12035480
CIELab	69.00, 4.37, 9.11
CIELCh	69, 10.099, 64.391
Yxy	39.3444, 0.3416, 0.3469
Android (android.graphics.Color)	4290225560 (0xFFB7A598)
YUV	168.9000, -8.3317, 12.3657
Hunter-Lab	62.7251, 0.4989, 10.5038

Details

The CIELCh color **69, 10.099, 64.391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 9.458, 248.366**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 10.154, 65.251**, and **49, 10.188, 63.272** is the 20% darker color. If you saturate the color by 10%, you get **66, 16.559, 63.375**, and if you desaturate by 10%, it is **72, 4.011, 65.401**.

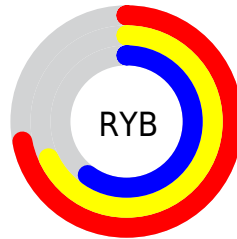
Distribution



Red (72%)

Green (65%)

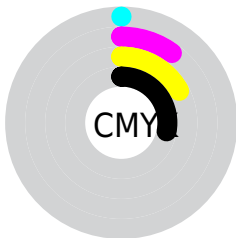
Blue (60%)



Red (72%)

Yellow (68%)

Blue (60%)

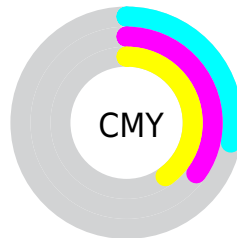


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 10.099, 64.391 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 69, 10.099, 64.391 by changing the saturation by 10% instead.

■ 69, 10.099, 64.391

■ 69, 10.099, 64.391

■ 100, 10.099,
64.391

■ 59, 10.099, 64.391

■ 89, 10.099, 64.391

■ 49, 10.099, 64.391

■ 99, 10.099, 64.391

■ 39, 10.099, 64.391

■ 29, 10.099, 64.391

■ 19, 10.099, 64.391

■ 9, 10.099, 64.391

■ 0, 10.099, 64.391

■ 69, 10.099, 64.391

■ 69, 10.099, 64.391

■ 66, 16.559, 63.375

■ 72, 4.011, 65.401

63, 23.417, 62.359

75, 1.740, 246.790

60, 30.679, 61.370

79, 7.188, 247.661

57, 38.315, 60.406

82, 12.368,
248.667

54, 46.215, 59.435

85, 17.313,
249.661

51, 54.109, 58.371

49, 61.431, 57.005

89, 19.583,
242.768

47, 67.316, 55.020

91, 19.506,
222.593

46, 69.082, 54.483

94, 21.603,
204.603

96, 23.077,
197.995

Harmonies

Complementary

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



69, 10.099, 64.391



69, 9.458, 248.366

Rectangle

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



69, 10.099, 64.391



69, 10.099, 114.391



69, 10.099, 244.391



69, 10.099, 294.391

Sweetspot

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



69, 10.099, 64.404



92, 3.551, 65.559



66, 15.476, 340.726



49, 2.448, 65.501



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 10.099, 64.404



86, 14.870, 64.054



73, 15.354, 104.860



37, 3.311, 65.172



39, 60.988, 54.991



5, 8.714, 52.659

Inverse Universe

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



69, 9.458, 248.366



85, 13.721, 248.866



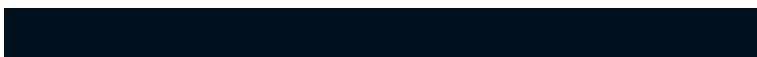
65, 15.844, 288.549



37, 3.202, 247.380



37, 41.901, 274.234



4, 9.482, 259.931

Previews

White Background



This preview shows how the CIELCh color 69, 10.099, 64.391 looks on a white background.

Color Contrast Check

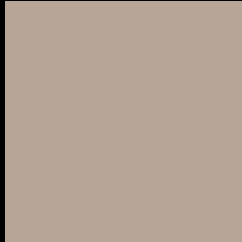
Large Text (above 18pt) WCAG AA × Fail

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 69, 10.099, 64.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

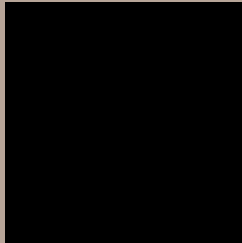
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 10.099, 64.391

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.099, 64.391.



This preview shows how white text looks on a background with the CIELCh color 69, 10.099, 64.391.

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

69, 10.099, 64.391

Protanopia

69, 8.121, 89.625

Deuteranopia

69, 12.608, 43.156



Tritanopia
69, 11.571, 342.483

Trichromacy



Original Color
69, 10.099, 64.391

Protanomaly
69, 8.795, 79.833

Deuteranomaly
69, 11.384, 48.713

Tritanomaly
69, 8.749, 5.703

Monochromacy



Original Color
69, 10.099, 64.391

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.560, 69.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.099, 64.391 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, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 165, 152)  
}
```

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, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 165, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.099, 64.391 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, 165, 152) }
```

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

```
.border{ border-color:rgb(183, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 165,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.099, 64.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 165, 152) }
```

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

```
.background{ background-color: rgb(183,  
165, 152) }
```

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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