

Converting Colors

CIELCh(69, 10.521, 78.558)

Have a look what the booklet for
CIELCh(69, 10.521, 78.558) contains.

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Color

CIELCh(69, 10.381, 76.839)

Conversions

Conversions Part 1

Format	Color
Hex	B4A696
RGB	180, 166, 150
RGB Percent	71%, 65%, 59%
CMY	0.2928, 0.3477, 0.4105
CMYK	0.00, 0.08, 0.17, 0.29
HSL	32°, 17%, 65%
HSV	32°, 17%, 71%
XYZ	38.1241, 39.3444, 34.5722
YIQ	168.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

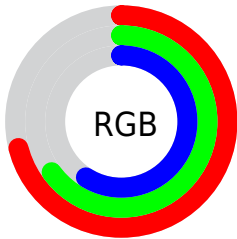
Format	Color
RYB	176, 180, 150
Decimal	11839126
CIELab	69.00, 2.36, 10.11
CIELCh	69, 10.381, 76.839
Yxy	39.3444, 0.3403, 0.3512
Android (android.graphics.Color)	4290029206 (0xFFB4A696)
YUV	168.3620, -9.0525, 10.2065
Hunter-Lab	62.7251, -1.2773, 11.2287

Details

The CIELCh color $69, 10.381, 76.839$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 10.040, 261.298$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 10.447, 76.982$, and $49, 10.444, 76.483$ is the 20% darker color. If you saturate the color by 10%, you get $66, 16.966, 75.581$, and if you desaturate by 10%, it is $72, 4.058, 78.058$.

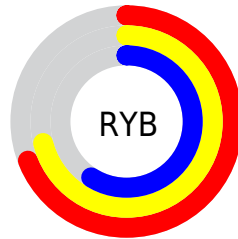
Distribution



Red (71%)

Green (65%)

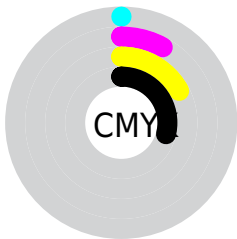
Blue (59%)



Red (69%)

Yellow (71%)

Blue (59%)

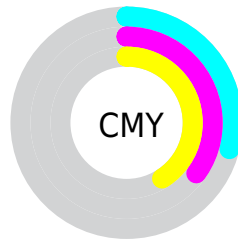


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 10.381, 76.839 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, 10.381, 76.839 by changing the saturation by 10% instead.

■ 69, 10.381, 76.839

■ 69, 10.381, 76.839

■ 100, 10.381,
76.839

■ 59, 10.381, 76.839

■ 89, 10.381, 76.839

■ 49, 10.381, 76.839

■ 99, 10.381, 76.839

■ 39, 10.381, 76.839

■ 29, 10.381, 76.839

■ 19, 10.381, 76.839

■ 9, 10.381, 76.839

■ 0, 10.381, 76.839

■ 69, 10.381, 76.839

■ 69, 10.381, 76.839

■ 66, 16.966, 75.581

■ 72, 4.058, 78.058

64, 23.816, 74.283

74, 2.022, 259.515

61, 30.916, 72.961

77, 7.880, 260.583

59, 38.204, 71.606

80, 13.539,
261.708

57, 45.531, 70.185

83, 19.019,
262.798

54, 52.588, 68.618

52, 58.802, 66.735

85, 22.784,
261.309

50, 63.418, 64.284

87, 20.716,
247.820

50, 64.886, 63.486

90, 19.950,
232.562

92, 20.589,
217.376

Harmonies

Complementary

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



69, 10.381, 76.839



67, 10.040, 261.298

Rectangle

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



69, 10.381, 76.839



69, 10.381, 126.839



69, 10.381, 256.839



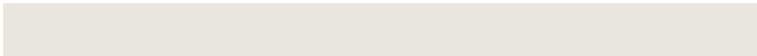
69, 10.381, 306.839

Sweetspot

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



69, 10.382, 76.851



91, 3.769, 78.227



65, 13.911, 346.932



48, 2.573, 78.154



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 10.382, 76.851



86, 15.568, 76.386



73, 16.193, 109.987



36, 3.451, 77.749



42, 57.366, 64.001



5, 7.671, 66.691

Inverse Universe

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



67, 10.040, 261.298



83, 14.927, 261.898



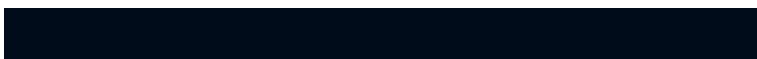
63, 16.814, 293.187



36, 3.394, 260.225



31, 51.906, 286.494



3, 9.062, 268.653

Previews

White Background



This preview shows how the CIELCh color 69, 10.381, 76.839 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, 10.381, 76.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

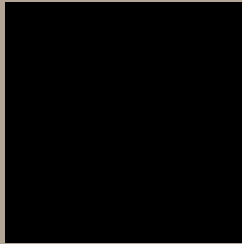
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

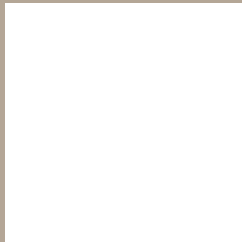
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.381, 76.839

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.381, 76.839.



This preview shows how white text looks on a background with the CIELCh color 69, 10.381, 76.839.

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, 10.381, 76.839

Protanopia

69, 9.687, 92.644

Deuteranopia

69, 13.132, 47.389



Tritanopia
69, 10.338, 340.846

Trichromacy



Original Color
69, 10.381, 76.839

Protanomaly
69, 9.600, 84.932

Deuteranomaly
69, 11.650, 57.426

Tritanomaly
69, 7.400, 11.529

Monochromacy



Original Color
69, 10.381, 76.839

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.788, 79.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.381, 76.839 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, 166, 150)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 150)  
}
```

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, 166, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.381, 76.839 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, 166, 150) }
```

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

```
.border{ border-color:rgb(180, 166, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 150);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.381, 76.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 150) }
```

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

```
.background{ background-color: rgb(180,  
166, 150) }
```

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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