

Converting Colors

CIELCh(68, 10.137, 76.754)

Have a look what the booklet for
CIELCh(68, 10.137, 76.754) contains.

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Color

CIELCh(68, 10.193, 78.724)

Conversions

Conversions Part 1

Format	Color
Hex	B1A494
RGB	177, 164, 148
RGB Percent	69%, 64%, 58%
CMY	0.3064, 0.3573, 0.4201
CMYK	0.00, 0.07, 0.16, 0.31
HSL	33°, 16%, 64%
HSV	33°, 16%, 69%
XYZ	36.6906, 37.9720, 33.3613
YIQ	166.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

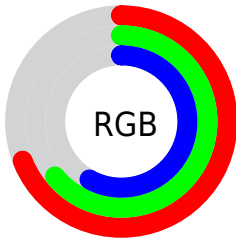
Format	Color
R_{YB}	172, 177, 148
Decimal	11642004
CIE Lab	68.00, 1.99, 10.00
CIE LCh	68, 10.193, 78.724
Yxy	37.9720, 0.3397, 0.3515
Android (android.graphics.Color)	4289832084 (0xFFB1A494)
YUV	166.0630, -8.9051, 9.5917
Hunter-Lab	61.6215, -1.5552, 11.0360

Details

The CIELCh color $68, 10.193, 78.724$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 9.910, 263.131$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 10.268, 78.748$, and $48, 10.247, 78.499$ is the 20% darker color. If you saturate the color by 10%, you get $66, 16.728, 77.452$, and if you desaturate by 10%, it is $71, 3.898, 79.953$.

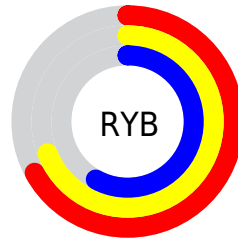
Distribution



Red (69%)

Green (64%)

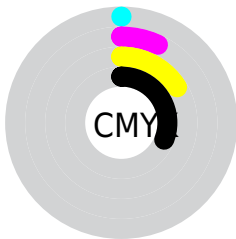
Blue (58%)



Red (67%)

Yellow (69%)

Blue (58%)

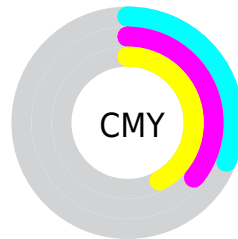


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 10.193, 78.724 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 68, 10.193, 78.724 by changing the saturation by 10% instead.

■ 68, 10.193, 78.724

■ 68, 10.193, 78.724

■ 100, 10.193,
78.724

■ 58, 10.193, 78.724

■ 88, 10.193, 78.724

■ 48, 10.193, 78.724

■ 98, 10.193, 78.724

■ 38, 10.193, 78.724

■ 28, 10.193, 78.724

■ 18, 10.193, 78.724

■ 8, 10.193, 78.724

■ 0, 10.193, 78.724

■ 68, 10.193, 78.724

■ 68, 10.193, 78.724

■ 66, 16.728, 77.452

■ 71, 3.898, 79.953

63, 23.504, 76.136

73, 2.172, 261.395

61, 30.501, 74.790

76, 8.036, 262.483

58, 37.655, 73.407

78, 13.714,
263.610

56, 44.814, 71.954

81, 19.225,
264.700

54, 51.673, 70.357

52, 57.676, 68.458

84, 24.587,
265.743

50, 62.089, 66.017

86, 22.585,
255.253

49, 63.584, 65.154

88, 21.117,
242.198

90, 20.822,
228.177

Harmonies

Complementary

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



68, 10.193, 78.724



66, 9.910, 263.131

Rectangle

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



68, 10.193, 78.724



68, 10.193, 128.724



68, 10.193, 258.724



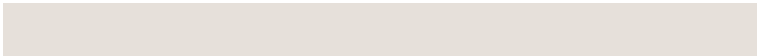
68, 10.193, 308.724

Sweetspot

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



68, 10.194, 78.736



90, 3.758, 80.096



64, 13.344, 347.876



47, 2.565, 80.022



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 10.194, 78.736



85, 15.487, 78.234



71, 15.709, 110.710



36, 3.500, 79.610



43, 57.059, 65.604



5, 7.736, 68.750

Inverse Universe

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



66, 9.910, 263.131



81, 14.937, 263.772



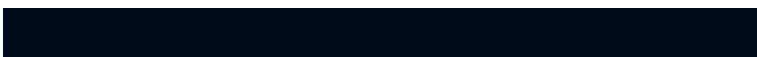
62, 16.300, 293.761



36, 3.452, 262.096



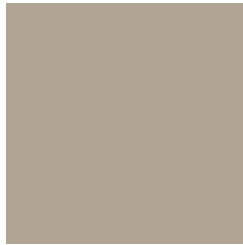
31, 53.771, 288.083



3, 9.207, 269.959

Previews

White Background



This preview shows how the CIELCh color 68, 10.193, 78.724 looks on a white background.

Color Contrast Check

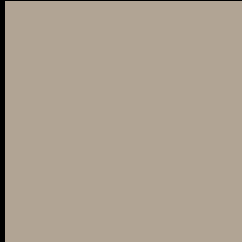
Large Text (above 18pt) WCAG AA × Fail

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 68, 10.193, 78.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

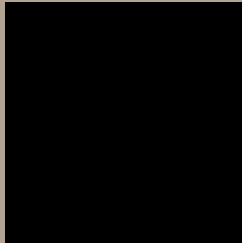
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

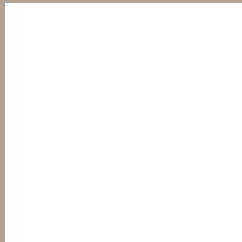
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 10.193, 78.724

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.193, 78.724.



This preview shows how white text looks on a background with the CIELCh color 68, 10.193, 78.724.

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

68, 10.193, 78.724

Protanopia

68, 9.321, 89.394

Deuteranopia

68, 12.803, 48.197



Tritanopia
68, 10.443, 337.142

Trichromacy



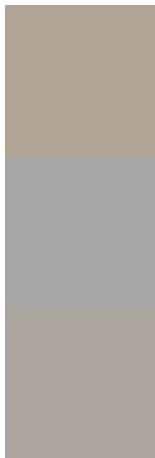
Original Color
68, 10.193, 78.724

Protanomaly
68, 9.464, 87.119

Deuteranomaly
68, 11.349, 55.319

Tritanomaly
68, 7.133, 6.672

Monochromacy



Original Color
68, 10.193, 78.724

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.801, 79.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.193, 78.724 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(177, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 148)  
}
```

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(177, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.193, 78.724 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(177, 164, 148) }
```

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

```
.border{ border-color:rgb(177, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.193, 78.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 148) }
```

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

```
.background{ background-color: rgb(177,  
164, 148) }
```

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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