

Converting Colors

CIELCh(68, 9.935, 96.962)

Have a look what the booklet for
CIELCh(68, 9.935, 96.962) contains.

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Color

CIELCh(68, 10.053, 97.794)

Conversions

Conversions Part 1

Format	Color
Hex	ABA694
RGB	171, 166, 148
RGB Percent	67%, 65%, 58%
CMY	0.3302, 0.3497, 0.4203
CMYK	0.00, 0.03, 0.13, 0.33
HSL	47°, 12%, 62%
HSV	47°, 13%, 67%
XYZ	35.6851, 37.9720, 33.3881
YIQ	165.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

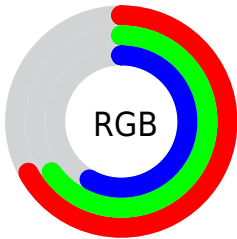
Format	Color
RYB	154, 171, 148
Decimal	11249300
CIELab	68.00, -1.36, 9.96
CIElCh	68, 10.053, 97.794
Yxy	37.9720, 0.3334, 0.3547
Android (android.graphics.Color)	4289439380 (0xFFABA694)
YUV	165.4430, -8.5994, 4.8735
Hunter-Lab	61.6215, -4.4678, 11.0102

Details

The CIELCh color $68, 10.053, 97.794$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.186, 281.017$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 10.038, 98.664$, and $48, 10.191, 96.638$ is the 20% darker color. If you saturate the color by 10%, you get $67, 17.597, 96.630$, and if you desaturate by 10%, it is $69, 2.567, 98.905$.

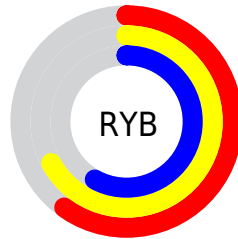
Distribution



Red (67%)

Green (65%)

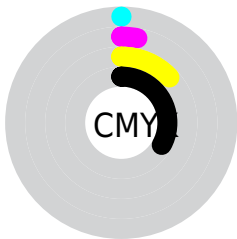
Blue (58%)



Red (60%)

Yellow (67%)

Blue (58%)

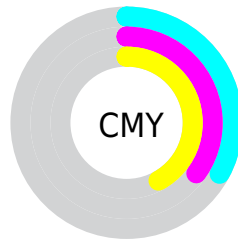


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 10.053, 97.794 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, 10.053, 97.794 by changing the saturation by 10% instead.

■ 68, 10.053, 97.794

■ 68, 10.053, 97.794

■ 100, 10.053,
97.794

■ 58, 10.053, 97.794

■ 88, 10.053, 97.794

■ 48, 10.053, 97.794

■ 98, 10.053, 97.794

■ 38, 10.053, 97.794

■ 28, 10.053, 97.794

■ 18, 10.053, 97.794

■ 8, 10.053, 97.794

■ 0, 10.053, 97.794

■ 68, 10.053, 97.794

■ 68, 10.053, 97.794

■ 67, 17.597, 96.630

■ 69, 2.567, 98.905

65, 25.158, 95.423

71, 4.846, 280.096

64, 32.669, 94.191

72, 12.177,
281.137

63, 40.010, 92.938

74, 19.423,
282.145

62, 46.972, 91.664

60, 53.214, 90.359

75, 26.586,
283.107

59, 58.236, 88.990

77, 33.666,
284.021

58, 61.457, 87.497

58, 62.856, 86.472

78, 34.223,
282.315

79, 32.393,
279.377

80, 30.656,
276.120

Harmonies

Complementary

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



68, 10.053, 97.794



63, 10.186, 281.017

Rectangle

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



68, 10.053, 97.794



68, 10.053, 147.794



68, 10.053, 277.794



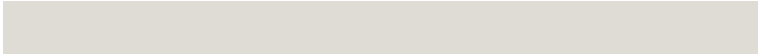
68, 10.053, 327.794

Sweetspot

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



68, 10.054, 97.804



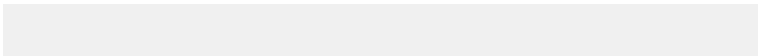
88, 3.672, 98.845



63, 9.483, 1.993



47, 2.633, 98.769



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 10.054, 97.804



86, 14.802, 97.477



69, 12.796, 119.744



35, 4.166, 98.281



50, 56.601, 86.693



5, 7.087, 95.040

Inverse Universe

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



63, 10.186, 281.017



79, 15.032, 281.406



62, 13.140, 301.399



33, 4.208, 280.473



21, 75.272, 301.360



1, 7.852, 281.176

Previews

White Background



This preview shows how the CIELCh color 68, 10.053, 97.794 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, 10.053, 97.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

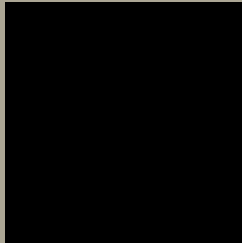
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

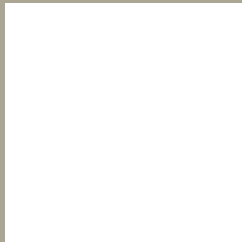
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 10.053, 97.794

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.053, 97.794.



This preview shows how white text looks on a background with the CIELCh color 68, 10.053, 97.794.

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, 10.053, 97.794

Protanopia

68, 10.364, 91.272

Deuteranopia

68, 12.803, 48.197



Tritanopia
68, 8.704, 324.816

Trichromacy



Original Color
68, 10.053, 97.794

Protanomaly
68, 10.249, 93.403

Deuteranomaly
68, 10.733, 61.343

Tritanomaly
68, 3.986, 3.656

Monochromacy



Original Color
68, 10.053, 97.794

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.373, 96.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.053, 97.794 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(171, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 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(171, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.053, 97.794 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(171, 166, 148) }
```

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

```
.border{ border-color:rgb(171, 166, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.053, 97.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 148) }
```

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

```
.background{ background-color: rgb(171,  
166, 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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