

Converting Colors

CIELCh(68, 9.800, 90.044)

Have a look what the booklet for
CIELCh(68, 9.800, 90.044) contains.

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Color

CIELCh(68, 9.841, 90.386)

Conversions

Conversions Part 1

Format	Color
Hex	ADA594
RGB	173, 165, 148
RGB Percent	68%, 65%, 58%
CMY	0.3213, 0.3526, 0.4193
CMYK	0.00, 0.05, 0.14, 0.32
HSL	41°, 13%, 63%
HSV	41°, 14%, 68%
XYZ	36.0715, 37.9720, 33.4768
YIQ	165.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

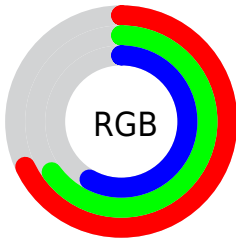
Format	Color
RYB	160, 173, 148
Decimal	11380116
CIELab	68.00, -0.07, 9.84
CIELCh	68, 9.841, 90.386
Yxy	37.9720, 0.3355, 0.3532
Android (android.graphics.Color)	4289570196 (0xFFADA594)
YUV	165.4540, -8.6048, 6.6178
Hunter-Lab	61.6215, -3.3487, 10.9248

Details

The CIELCh color **68, 9.841, 90.386** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 9.840, 274.124**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 9.930, 89.625**, and **48, 10.006, 88.721** is the 20% darker color. If you saturate the color by 10%, you get **66, 16.818, 89.129**, and if you desaturate by 10%, it is **70, 2.994, 91.583**.

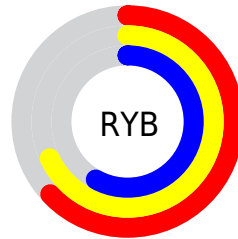
Distribution



Red (68%)

Green (65%)

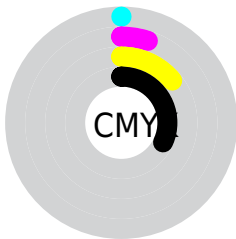
Blue (58%)



Red (63%)

Yellow (68%)

Blue (58%)

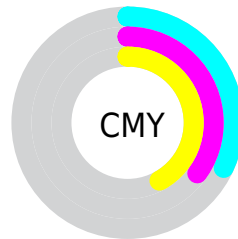


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 9.841, 90.386 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, 9.841, 90.386 by changing the saturation by 10% instead.

 68, 9.841, 90.386  68, 9.841, 90.386

 100, 9.841, 90.386  58, 9.841, 90.386

 88, 9.841, 90.386  48, 9.841, 90.386

 98, 9.841, 90.386  38, 9.841, 90.386

 28, 9.841, 90.386

 18, 9.841, 90.386

 8, 9.841, 90.386

 0, 9.841, 90.386

 68, 9.841, 90.386  68, 9.841, 90.386

 66, 16.818, 89.129  70, 2.994, 91.583

64, 23.903, 87.818

72, 3.722, 272.897

63, 31.050, 86.467

74, 10.308,
274.001

61, 38.162, 85.073

76, 16.772,
275.083

59, 45.058, 83.620

58, 51.415, 82.069

78, 23.120,
276.117

56, 56.709, 80.334

80, 29.364,
277.100

55, 60.269, 78.269

54, 61.801, 77.056

81, 28.439,
272.833

83, 26.240,
266.621

84, 24.394,
259.443

Harmonies

Complementary

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



68, 9.841, 90.386



64, 9.840, 274.124

Rectangle

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



68, 9.841, 90.386



68, 9.841, 140.386



68, 9.841, 270.386



68, 9.841, 320.386

Sweetspot

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



68, 9.842, 90.397



88, 3.325, 91.622



64, 10.781, 355.038



47, 2.363, 91.545



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, 9.842, 90.397



85, 14.348, 90.041



70, 13.712, 115.679



36, 3.842, 91.025



47, 55.768, 77.390



5, 7.365, 84.298

Inverse Universe

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



64, 9.840, 274.124



80, 14.338, 274.551



62, 14.143, 297.827



34, 3.847, 273.405



25, 66.269, 296.750



2, 8.604, 276.495

Previews

White Background



This preview shows how the CIELCh color 68, 9.841, 90.386 looks on a white background.

Color Contrast Check

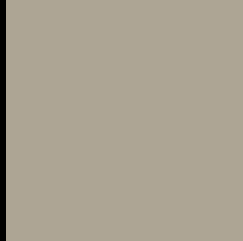
Large Text (above 18pt) WCAG AA × Fail

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, 9.841, 90.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

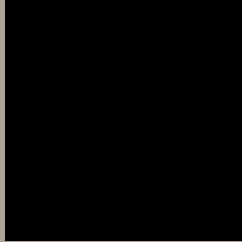
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

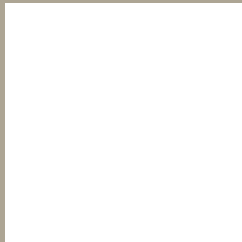
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 9.841, 90.386

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.841, 90.386.



This preview shows how white text looks on a background with the CIELCh color 68, 9.841, 90.386.

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, 9.841, 90.386

Protanopia

68, 9.841, 90.386

Deuteranopia

68, 12.803, 48.197



Tritanopia
68, 9.395, 330.614

Trichromacy



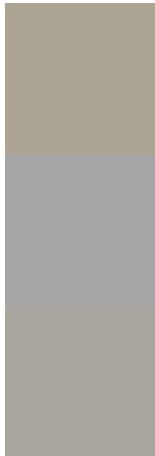
Original Color
68, 9.841, 90.386

Protanomaly
68, 9.841, 90.386

Deuteranomaly
68, 11.043, 59.957

Tritanomaly
68, 5.624, 2.818

Monochromacy



Original Color
68, 9.841, 90.386

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.997, 92.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.841, 90.386 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(173, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 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(173, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.841, 90.386 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(173, 165, 148) }
```

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

```
.border{ border-color:rgb(173, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.841, 90.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 148) }
```

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

```
.background{ background-color: rgb(173,  
165, 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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