

Converting Colors

CIELCh(68, 7.598, 92.588)

Have a look what the booklet for
CIELCh(68, 7.598, 92.588) contains.

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Color

CIELCh(68, 7.500, 91.127)

Conversions

Conversions Part 1

Format	Color
Hex	ABA598
RGB	171, 165, 152
RGB Percent	67%, 65%, 60%
CMY	0.3283, 0.3519, 0.4029
CMYK	0.00, 0.04, 0.11, 0.33
HSL	41°, 10%, 63%
HSV	41°, 11%, 67%
XYZ	36.0472, 37.9720, 35.2498
YIQ	165.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

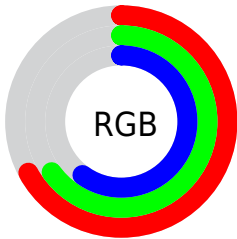
Format	Color
RYB	161, 171, 152
Decimal	11249048
CIELab	68.00, -0.15, 7.50
CIELCh	68, 7.500, 91.127
Yxy	37.9720, 0.3299, 0.3475
Android (android.graphics.Color)	4289439128 (0xFFABA598)
YUV	165.3120, -6.5628, 4.9884
Hunter-Lab	61.6215, -3.4190, 9.2189

Details

The CIELCh color $68, 7.500, 91.127$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 7.510, 273.971$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 7.598, 92.588$, and $48, 7.490, 89.300$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.402, 89.895$, and if you desaturate by 10%, it is $70, 0.727, 92.103$.

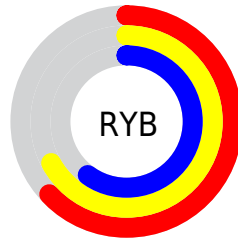
Distribution



Red (67%)

Green (65%)

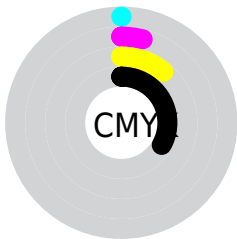
Blue (60%)



Red (63%)

Yellow (67%)

Blue (60%)

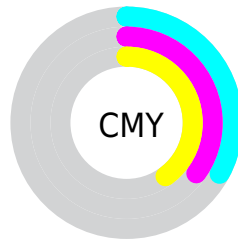


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.500, 91.127 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, 7.500, 91.127 by changing the saturation by 10% instead.

■ 68, 7.500, 91.127 ■ 68, 7.500, 91.127

■ 100, 7.500, 91.127 ■ 58, 7.500, 91.127

■ 88, 7.500, 91.127 ■ 48, 7.500, 91.127

■ 98, 7.500, 91.127 ■ 38, 7.500, 91.127

■ 28, 7.500, 91.127

■ 18, 7.500, 91.127

■ 8, 7.500, 91.127

■ 0, 7.500, 91.127

■ 68, 7.500, 91.127 ■ 68, 7.500, 91.127

■ 66, 14.402, 89.895 ■ 70, 0.727, 92.103

64, 21.415, 88.601

72, 5.919, 273.587

63, 28.504, 87.267

74, 12.440,
274.689

61, 35.593, 85.894

76, 18.843,
275.752

59, 42.534, 84.470

58, 49.060, 82.966

78, 25.138,
276.766

56, 54.722, 81.317

80, 31.315,
277.719

55, 58.885, 79.402

53, 61.354, 77.476

81, 28.903,
272.564

83, 26.759,
266.587

84, 24.945,
259.723

Harmonies

Complementary

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



68, 7.500, 91.127



65, 7.510, 273.971

Rectangle

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



68, 7.500, 91.127



68, 7.500, 141.127



68, 7.500, 271.127



68, 7.500, 321.127

Sweetspot

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



68, 7.501, 91.141



88, 2.477, 92.049



65, 8.091, 355.809



47, 1.896, 91.975



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, 7.501, 91.141



85, 10.871, 90.880



69, 10.467, 116.589



36, 3.858, 91.356



47, 55.796, 77.783



5, 7.397, 84.729

Inverse Universe

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



65, 7.510, 273.971



81, 10.878, 274.269



64, 10.719, 298.163



34, 3.865, 273.729



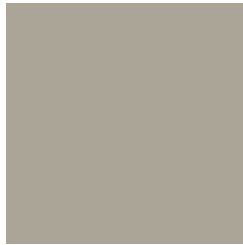
25, 66.705, 296.979



2, 8.636, 276.731

Previews

White Background



This preview shows how the CIELCh color 68, 7.500, 91.127 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 CIE LCh color 68, 7.500, 91.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

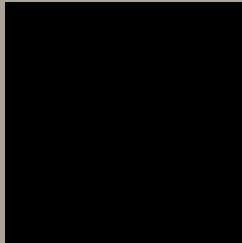
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

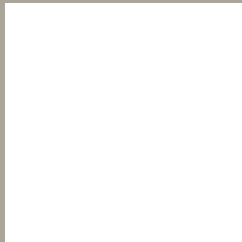
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.500, 91.127

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.500, 91.127.



This preview shows how white text looks on a background with the CIELCh color 68, 7.500, 91.127.

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, 7.500, 91.127

Protanopia

68, 7.632, 88.305

Deuteranopia

68, 11.040, 40.479



Tritanopia
68, 8.498, 322.698

Trichromacy



Original Color
68, 7.500, 91.127

Protanomaly
68, 7.632, 88.305

Deuteranomaly
68, 9.003, 53.055

Tritanomaly
68, 4.415, 349.833

Monochromacy



Original Color
68, 7.500, 91.127

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.837, 94.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.500, 91.127 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, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.500, 91.127 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, 165, 152) }
```

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

```
.border{ border-color:rgb(171, 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(171, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 165, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 165, 152); box-shadow:4px 4px 4px 4px rgb(171, 165, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.500, 91.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 152) }
```

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

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