

Converting Colors

CIELCh(68, 9.493, 73.485)

Have a look what the booklet for
CIELCh(68, 9.493, 73.485) contains.

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Color

CIELCh(68, 9.482, 73.483)

Conversions

Conversions Part 1

Format	Color
Hex	B2A496
RGB	178, 164, 150
RGB Percent	70%, 64%, 59%
CMY	0.3039, 0.3587, 0.4136
CMYK	0.00, 0.08, 0.16, 0.30
HSL	30°, 15%, 64%
HSV	30°, 16%, 70%
XYZ	36.9034, 37.9720, 34.0380
YIQ	166.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

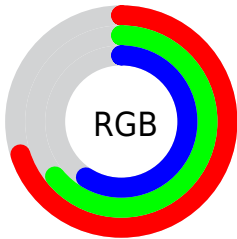
Format	Color
RYB	178, 178, 150
Decimal	11707542
CIELab	68.00, 2.70, 9.09
CIELCh	68, 9.482, 73.483
Yxy	37.9720, 0.3388, 0.3486
Android (android.graphics.Color)	4289897622 (0xFFB2A496)
YUV	166.5900, -8.1789, 10.0066
Hunter-Lab	61.6215, -0.9387, 10.3849

Details

The CIELCh color $68, 9.482, 73.483$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 9.114, 257.609$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 9.592, 73.804$, and $48, 9.490, 72.944$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.864, 72.276$, and if you desaturate by 10%, it is $71, 3.386, 74.649$.

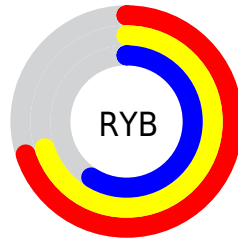
Distribution



Red (70%)

Green (64%)

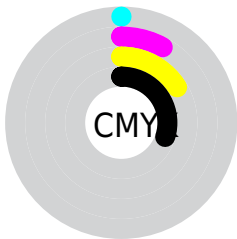
Blue (59%)



Red (70%)

Yellow (70%)

Blue (59%)

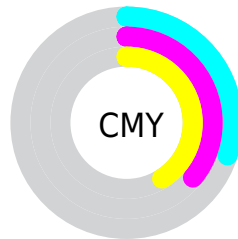


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.482, 73.483 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, 9.482, 73.483 by changing the saturation by 10% instead.

 68, 9.482, 73.483  68, 9.482, 73.483

 100, 9.482, 73.483  58, 9.482, 73.483

 88, 9.482, 73.483  48, 9.482, 73.483

 98, 9.482, 73.483  38, 9.482, 73.483

 28, 9.482, 73.483

 18, 9.482, 73.483

 8, 9.482, 73.483

 0, 9.482, 73.483

 68, 9.482, 73.483  68, 9.482, 73.483

 65, 15.864, 72.276  71, 3.386, 74.649

63, 22.545, 71.035

74, 2.447, 256.076

60, 29.520, 69.782

76, 8.042, 257.139

57, 36.742, 68.510

79, 13.424,
258.244

55, 44.092, 67.190

82, 18.618,
259.317

53, 51.299, 65.744

51, 57.839, 64.006

85, 23.203,
259.548

48, 62.911, 61.686

87, 21.204,
245.422

48, 64.913, 60.724

90, 20.643,
229.709

92, 21.582,
214.455

Harmonies

Complementary

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



68, 9.482, 73.483



67, 9.114, 257.609

Rectangle

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



68, 9.482, 73.483



68, 9.482, 123.483



68, 9.482, 253.483



68, 9.482, 303.483

Sweetspot

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



68, 9.482, 73.496



89, 3.613, 74.717



65, 13.275, 344.965



47, 2.467, 74.648



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, 9.482, 73.496



85, 14.200, 73.066



72, 15.139, 108.674



36, 3.371, 74.257



41, 58.044, 61.203



4, 7.581, 63.022

Inverse Universe

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



67, 9.114, 257.609



82, 13.508, 258.167



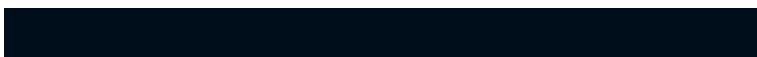
63, 15.687, 291.871



36, 3.300, 256.693



33, 48.629, 283.367



3, 8.802, 266.096

Previews

White Background



This preview shows how the CIELCh color 68, 9.482, 73.483 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, 9.482, 73.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

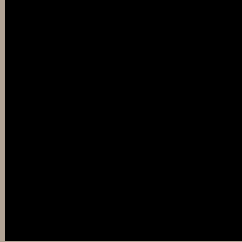
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 9.482, 73.483

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.482, 73.483.



This preview shows how white text looks on a background with the CIELCh color 68, 9.482, 73.483.

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, 9.482, 73.483

Protanopia

68, 8.670, 90.735

Deuteranopia

68, 12.157, 46.901



Tritanopia
68, 10.722, 338.580

Trichromacy



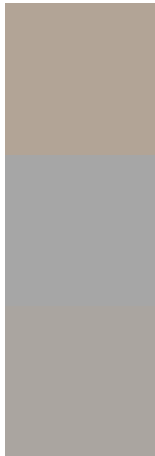
Original Color
68, 9.482, 73.483

Protanomaly
68, 8.635, 82.110

Deuteranomaly
68, 11.018, 53.104

Tritanomaly
68, 7.514, 7.404

Monochromacy



Original Color
68, 9.482, 73.483

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.336, 74.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.482, 73.483 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(178, 164, 150)` looks like.

```
.text, #text, p{  
    color:rgb(178, 164, 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(178, 164, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 164, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.482, 73.483 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(178, 164, 150) }
```

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

```
.border{ border-color:rgb(178, 164, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 164, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 164, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 164, 150);  
box-shadow:4px 4px 4px 4px rgb(178, 164,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.482, 73.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 164, 150) }
```

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

```
.background{ background-color: rgb(178,  
164, 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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