

Converting Colors

CIELCh(68, 11.114, 108.043)

Have a look what the booklet for
CIELCh(68, 11.114, 108.043)
contains.

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Color

CIELCh(68, 10.953, 109.041)

Conversions

Conversions Part 1

Format	Color
Hex	A7A793
RGB	167, 167, 147
RGB Percent	65%, 65%, 58%
CMY	0.3450, 0.3450, 0.4234
CMYK	0.00, 0.00, 0.12, 0.34
HSL	60°, 10%, 62%
HSV	60°, 12%, 66%
XYZ	35.0332, 37.9720, 33.0966
YIQ	164.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

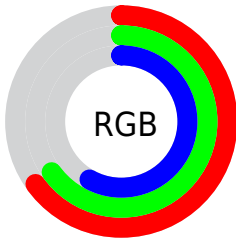
Format	Color
RYB	147, 167, 147
Decimal	10987411
CIELab	68.00, -3.57, 10.35
CIELCh	68, 10.953, 109.041
Yxy	37.9720, 0.3302, 0.3579
Android (android.graphics.Color)	4289177491 (0xFFA7A793)
YUV	164.7200, -8.7360, 1.9996
Hunter-Lab	61.6215, -6.3562, 11.2906

Details

The CIELCh color **68, 10.953, 109.041** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 11.254, 291.425**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 10.910, 109.262**, and **48, 11.124, 108.662** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.037, 108.096**, and if you desaturate by 10%, it is **68, 1.804, 109.969**.

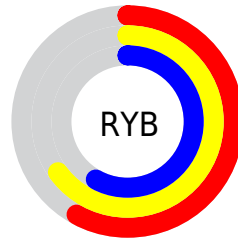
Distribution



Red (65%)

Green (65%)

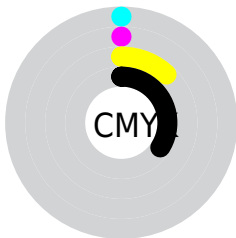
Blue (58%)



Red (58%)

Yellow (65%)

Blue (58%)

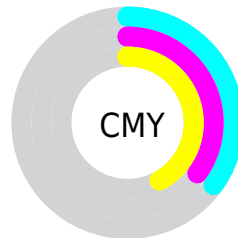


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (35%)


Magenta (35%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 10.953, 109.041 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, 10.953, 109.041 by changing the saturation by 10% instead.


 68, 10.953,
109.041


 68, 10.953,
109.041


 100, 10.953,
109.041


 58, 10.953,
109.041


 88, 10.953,
109.041

 48, 10.953,
109.041

 98, 10.953,
109.041

 38, 10.953,
109.041

 28, 10.953,
109.041

 18, 10.953,
109.041

 8, 10.953, 109.041

 0, 10.953, 109.041

■ 68, 10.953,
109.041

■ 68, 10.953,
109.041

■ 68, 20.037,
108.096

■ 68, 1.804, 109.969

■ 67, 28.981,
107.149

■ 69, 7.371, 290.935

■ 67, 37.680,
106.228

■ 69, 16.538,
291.831

■ 67, 45.970,
105.356

■ 70, 25.676,
292.696

■ 67, 53.603,
104.564

■ 71, 34.771,
293.524

■ 67, 60.236,
103.888

■ 71, 43.809,
294.311

■ 66, 65.449,
103.366

■ 72, 47.985,
294.663

■ 66, 68.873,

■ 72, 47.985,
294.664

103.030

■ 72, 47.985,
294.665

■ 66, 70.596,
102.862

Harmonies

Complementary

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



68, 10.953, 109.041



62, 11.254, 291.425

Rectangle

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



68, 10.953, 109.041



68, 10.953, 159.041



68, 10.953, 289.041



68, 10.953, 339.041

Sweetspot

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



68, 10.955, 109.048



86, 4.523, 109.788



63, 7.914, 20.117



46, 3.241, 109.721



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 10.955, 109.048



86, 15.823, 108.832



67, 11.687, 128.553



36, 5.211, 109.302



59, 64.564, 102.862



6, 9.557, 110.186

Inverse Universe

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



62, 11.254, 291.425



77, 16.337, 291.688



62, 11.881, 309.592



32, 5.323, 291.129



16, 89.150, 306.288



0, 9.559, 290.183

Previews

White Background



This preview shows how the CIELCh color 68, 10.953, 109.041 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, 10.953, 109.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

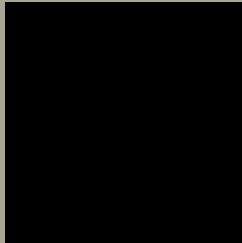
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

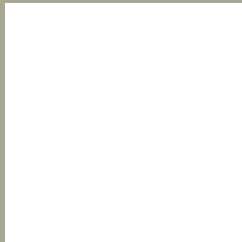
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 10.953, 109.041

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.953, 109.041.



This preview shows how white text looks on a background with the CIELCh color 68, 10.953, 109.041.

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, 10.953, 109.041

Protanopia
68, 10.889, 92.067

Deuteranopia
68, 13.098, 50.218



Tritanopia
68, 7.798, 313.278

Trichromacy



Original Color
68, 10.953, 109.041

Protanomaly
68, 11.130, 98.748

Deuteranomaly
68, 10.686, 69.856

Tritanomaly
68, 2.358, 5.935

Monochromacy



Original Color
68, 10.953, 109.041

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.387, 109.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.953, 109.041 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(167, 167, 147)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 147)  
}
```

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(167, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.953, 109.041 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(167, 167, 147) }
```

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

```
.border{ border-color:rgb(167, 167, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 147);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.953, 109.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 147) }
```

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

```
.background{ background-color: rgb(167,  
167, 147) }
```

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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