

Converting Colors

CIELCh(68, 4.195, 34.426)

Have a look what the booklet for
CIELCh(68, 4.195, 34.426) contains.

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Color

CIELCh(68, 3.996, 35.532)

Conversions

Conversions Part 1

Format	Color
Hex	AEA4A2
RGB	174, 164, 162
RGB Percent	68%, 64%, 64%
CMY	0.3191, 0.3583, 0.3661
CMYK	0.00, 0.06, 0.07, 0.32
HSL	10°, 7%, 66%
HSV	10°, 7%, 68%
XYZ	37.0725, 37.9720, 39.3879
YIQ	166.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

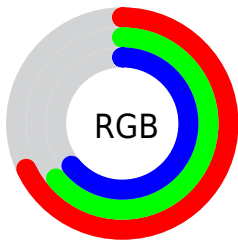
Format	Color
RYB	174, 164, 162
Decimal	11445410
CIELab	68.00, 3.25, 2.32
CIELCh	68, 3.996, 35.532
Yxy	37.9720, 0.3240, 0.3318
Android (android.graphics.Color)	4289635490 (0xFFAEA4A2)
YUV	166.7620, -2.3477, 6.3477
Hunter-Lab	61.6215, -0.4490, 5.2374

Details

The CIELCh color $68, 3.996, 35.532$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 3.829, 215.918$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 3.772, 35.498$, and $48, 4.309, 35.567$ is the 20% darker color. If you saturate the color by 10%, you get $64, 10.187, 35.675$, and if you desaturate by 10%, it is $72, 1.720, 216.033$.

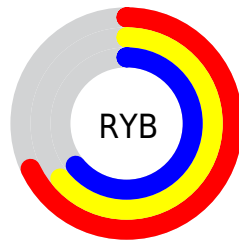
Distribution



Red (68%)

Green (64%)

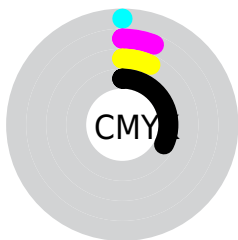
Blue (64%)



Red (68%)

Yellow (64%)

Blue (64%)

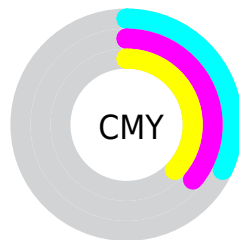


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 3.996, 35.532 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, 3.996, 35.532 by changing the saturation by 10% instead.

 68, 3.996, 35.532  68, 3.996, 35.532

 100, 3.996, 35.532  58, 3.996, 35.532

 88, 3.996, 35.532  48, 3.996, 35.532

 98, 3.996, 35.532  38, 3.996, 35.532

 28, 3.996, 35.532

 18, 3.996, 35.532

 8, 3.996, 35.532

 0, 3.996, 35.532

 68, 3.996, 35.532  68, 3.996, 35.532

 64, 10.187, 35.675  72, 1.720, 216.033

60, 16.897, 35.866

77, 7.006, 215.951

56, 24.152, 36.219

81, 11.910,
216.113

52, 31.954, 36.783

85, 16.476,
216.331

48, 40.261, 37.601

45, 48.956, 38.695

90, 20.746,
216.581

42, 57.787, 40.017

94, 24.332,
203.526

40, 66.207, 41.341

38, 73.179, 42.202

95, 25.764,
197.829

Harmonies

Complementary

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



68, 3.996, 35.532



70, 3.829, 215.918

Rectangle

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



68, 3.996, 35.532



68, 3.996, 85.532



68, 3.996, 215.532



68, 3.996, 265.532

Sweetspot

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



68, 3.995, 35.560



89, 1.409, 35.274



68, 7.163, 329.764



48, 0.807, 35.250



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, 3.995, 35.560



86, 5.781, 35.578



70, 4.617, 90.238



34, 3.303, 35.592



32, 67.227, 42.684



2, 6.894, 32.351

Inverse Universe

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



70, 3.829, 215.918



88, 5.496, 215.918



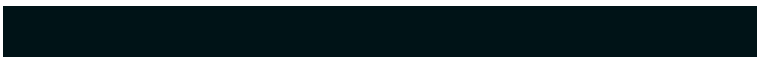
68, 4.624, 272.042



36, 3.116, 215.925



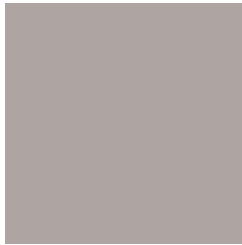
48, 29.371, 227.758



5, 6.515, 223.128

Previews

White Background



This preview shows how the CIELCh color 68, 3.996, 35.532 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, 3.996, 35.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

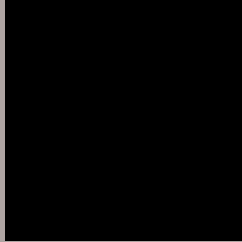
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

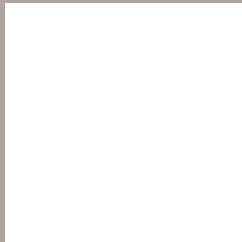
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 3.996, 35.532

Background



This preview shows how black text looks on a background with the CIELCh color 68, 3.996, 35.532.



This preview shows how white text looks on a background with the CIELCh color 68, 3.996, 35.532.

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, 3.996, 35.532

Protanopia

68, 2.235, 66.703

Deuteranopia

68, 8.998, 13.202



Tritanopia
68, 8.258, 326.970

Trichromacy



Original Color
68, 3.996, 35.532

Protanomaly
68, 2.817, 55.134

Deuteranomaly
68, 7.380, 15.762

Tritanomaly
68, 5.986, 339.878

Monochromacy



Original Color
68, 3.996, 35.532

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 1.613, 39.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 3.996, 35.532 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(174, 164, 162)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 162)  
}
```

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(174, 164, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 3.996, 35.532 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(174, 164, 162) }
```

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

```
.border{ border-color:rgb(174, 164, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 162);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 3.996, 35.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 162) }
```

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

```
.background{ background-color: rgb(174,  
164, 162) }
```

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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