

Converting Colors

CIELCh(67, 3.676, 343.515)

Have a look what the booklet for
CIELCh(67, 3.676, 343.515) contains.

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Color

CIELCh(67, 3.782, 343.937)

Conversions

Conversions Part 1

Format	Color
Hex	A9A1A5
RGB	169, 161, 165
RGB Percent	66%, 63%, 65%
CMY	0.3373, 0.3687, 0.3530
CMYK	0.00, 0.05, 0.02, 0.34
HSL	330°, 4%, 65%
HSV	330°, 5%, 66%
XYZ	35.8895, 36.6320, 40.7674
YIQ	163.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

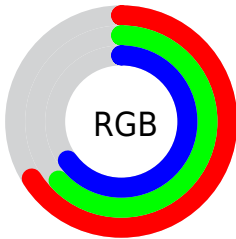
Format	Color
RYB	169, 161, 165
Decimal	11116965
CIELab	67.00, 3.63, -1.05
CIELCh	67, 3.782, 343.937
Yxy	36.6320, 0.3168, 0.3234
Android (android.graphics.Color)	4289307045 (0xFFA9A1A5)
YUV	163.8480, 0.5679, 4.5183
Hunter-Lab	60.5244, -0.0714, 2.4311

Details

The CIELCh color $67, 3.782, 343.937$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 3.748, 163.374$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.584, 343.820$, and $47, 3.379, 348.100$ is the 20% darker color. If you saturate the color by 10%, you get $62, 11.903, 344.873$, and if you desaturate by 10%, it is $72, 4.133, 163.345$.

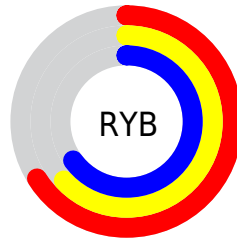
Distribution



Red (66%)

Green (63%)

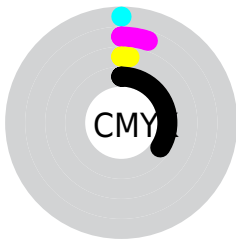
Blue (65%)



Red (66%)

Yellow (63%)

Blue (65%)

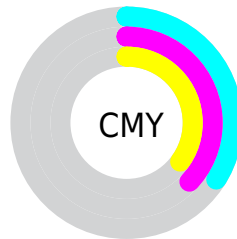


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.782, 343.937 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 67, 3.782, 343.937 by changing the saturation by 10% instead.

■ 67, 3.782, 343.937

■ 67, 3.782, 343.937

■ 100, 3.782,
343.937

■ 57, 3.782, 343.937

■ 87, 3.782, 343.937

■ 47, 3.782, 343.937

■ 97, 3.782, 343.937

■ 37, 3.782, 343.937

■ 27, 3.782, 343.937

■ 17, 3.782, 343.937

■ 7, 3.782, 343.937

■ 0, 3.782, 343.937

■ 67, 3.782, 343.937

■ 67, 3.782, 343.937

■ 62, 11.903,

■ 72, 4.133, 163.345

344.873

77, 11.796,
162.572

58, 20.157,
345.844

81, 19.194,
161.901

54, 28.406,
346.931

86, 26.327,
161.285

49, 36.441,
348.177

91, 33.206,
160.716

46, 43.965,
349.639

94, 35.729,
162.716

43, 50.598,
351.399

94, 33.072,
168.594

40, 55.929,
353.570

94, 30.763,
175.387

38, 59.621,
356.296

94, 28.894,
183.136

37, 61.573,
359.730

Harmonies

Complementary

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



67, 3.782, 343.937



69, 3.748, 163.374

Rectangle

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



67, 3.782, 343.937



67, 3.782, 33.937



67, 3.782, 163.937



67, 3.782, 213.937

Sweetspot

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



67, 3.780, 343.946



87, 0.988, 343.302



67, 4.694, 309.250



46, 0.561, 343.271



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 3.780, 343.946



84, 5.934, 344.081



67, 3.070, 19.529



34, 3.160, 344.118



31, 56.543, 1.196



2, 7.799, 347.589

Inverse Universe

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



67, 3.780, 343.946



84, 5.934, 344.081



69, 2.981, 199.311



34, 3.160, 344.118



31, 56.543, 1.196



2, 7.799, 347.589

Previews

White Background



This preview shows how the CIELCh color 67, 3.782, 343.937 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 67, 3.782, 343.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

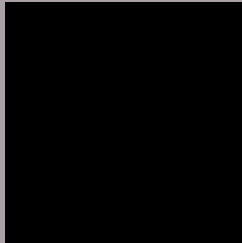
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

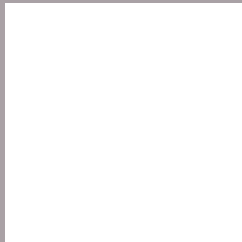
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 3.782, 343.937

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.782, 343.937.

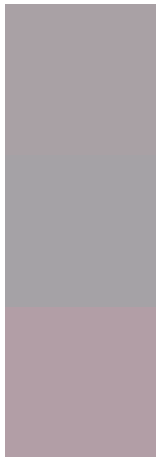


This preview shows how white text looks on a background with the CIELCh color 67, 3.782, 343.937.

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


67, 3.782, 343.937

Protanopia

67, 2.503, 317.327

Deuteranopia

67, 8.857, 350.387



Tritanopia
67, 7.660, 320.084

Trichromacy



Original Color
67, 3.782, 343.937

Protanomaly
67, 2.699, 324.488

Deuteranomaly
67, 7.252, 347.904

Tritanomaly
67, 6.279, 327.565

Monochromacy



Original Color
67, 3.782, 343.937

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.276, 353.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.782, 343.937 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(169, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(169, 161, 165)  
}
```

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(169, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 161, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.782, 343.937 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(169, 161, 165) }
```

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

```
.border{ border-color:rgb(169, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(169, 161,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.782, 343.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 161, 165) }
```

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

```
.background{ background-color: rgb(169,  
161, 165) }
```

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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