

Converting Colors

CIELCh(67, 5.551, 322.879)

Have a look what the booklet for
CIELCh(67, 5.551, 322.879) contains.

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Color

CIELCh(67, 5.383, 324.654)

Conversions

Conversions Part 1

Format	Color
Hex	A9A1A9
RGB	169, 161, 169
RGB Percent	66%, 63%, 66%
CMY	0.3385, 0.3699, 0.3385
CMYK	0.00, 0.05, 0.00, 0.34
HSL	300°, 4%, 65%
HSV	300°, 5%, 66%
XYZ	36.1153, 36.6320, 42.5470
YIQ	164.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

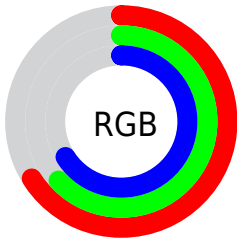
Format	Color
R_{YB}	169, 161, 169
Decimal	11116969
CIE Lab	67.00, 4.39, -3.11
CIE LCh	67, 5.383, 324.654
Yxy	36.6320, 0.3132, 0.3177
Android (android.graphics.Color)	4289307049 (0xFFA9A1A9)
YUV	164.3040, 2.3151, 4.1184
Hunter-Lab	60.5244, 0.5947, 0.6878

Details

The CIELCh color $67, 5.383, 324.654$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.366, 144.220$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.105, 324.583$, and $47, 5.038, 324.719$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.821, 325.222$, and if you desaturate by 10%, it is $71, 5.901, 144.201$.

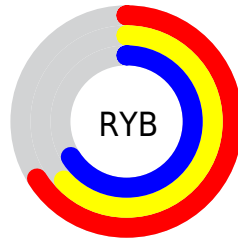
Distribution



Red (66%)

Green (63%)

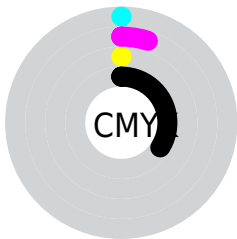
Blue (66%)



Red (66%)

Yellow (63%)

Blue (66%)

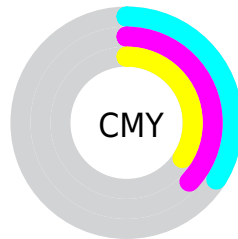


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.383, 324.654 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, 5.383, 324.654 by changing the saturation by 10% instead.

67, 5.383, 324.654

67, 5.383, 324.654

100, 5.383,
324.654

57, 5.383, 324.654

87, 5.383, 324.654

47, 5.383, 324.654

97, 5.383, 324.654

37, 5.383, 324.654

27, 5.383, 324.654

17, 5.383, 324.654

7, 5.383, 324.654

0, 5.383, 324.654

67, 5.383, 324.654

67, 5.383, 324.654

63, 16.821,

71, 5.901, 144.201

325.222

76, 16.934,
143.656

58, 28.277,
325.762

81, 27.667,
143.151

54, 39.540,
326.281

85, 38.074,
142.671

51, 50.320,
326.767

90, 48.148,
142.219

48, 60.250,
327.204

93, 53.947,
141.964

45, 68.908,
327.575

93, 53.947,
141.964

43, 75.879,
327.867

93, 53.947,
141.964

41, 80.850,
328.071

93, 53.947,
141.964

40, 83.735,
328.188

Harmonies

Complementary

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



67, 5.383, 324.654



68, 5.366, 144.220

Rectangle

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



67, 5.383, 324.654



67, 5.383, 14.654



67, 5.383, 144.654



67, 5.383, 194.654

Sweetspot

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



67, 5.381, 324.654



87, 1.408, 324.300



66, 4.356, 289.991



46, 0.800, 324.285



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, 5.381, 324.654



84, 8.439, 324.737



67, 3.824, 343.048



34, 4.493, 324.760



35, 76.993, 328.231



2, 11.673, 324.438

Inverse Universe

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



67, 3.070, 19.528



84, 4.837, 19.650



68, 3.794, 162.481



34, 2.579, 19.683



30, 69.026, 39.358



1, 6.572, 19.403

Previews

White Background



This preview shows how the CIELCh color 67, 5.383, 324.654 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, 5.383, 324.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

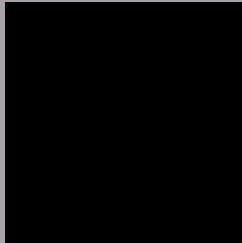
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

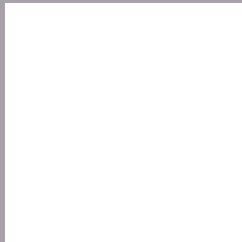
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.383, 324.654

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.383, 324.654.



This preview shows how white text looks on a background with the CIELCh color 67, 5.383, 324.654.

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, 5.383, 324.654

Protanopia

67, 4.500, 300.194

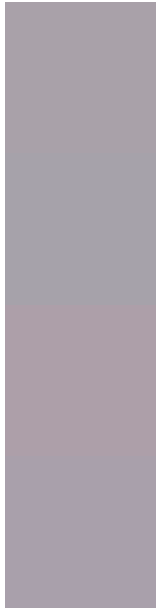
Deuteranopia

67, 9.175, 338.837



Tritanopia
67, 7.976, 315.777

Trichromacy



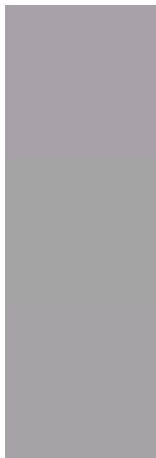
Original Color
67, 5.383, 324.654

Protanomaly
67, 4.691, 309.249

Deuteranomaly
67, 7.691, 334.211

Tritanomaly
67, 6.995, 319.608

Monochromacy



Original Color
67, 5.383, 324.654

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.025, 324.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.383, 324.654 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, 169)` looks like.

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

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, 169) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 67, 5.383, 324.654 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, 169) }
```

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

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

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, 169)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 67, 5.383, 324.654 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, 169) }
```

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

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

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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