

Converting Colors

CIELCh(67, 5.509, 329.406)

Have a look what the booklet for
CIELCh(67, 5.509, 329.406) contains.

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Color

CIELCh(67, 5.851, 330.839)

Conversions

Conversions Part 1

Format	Color
Hex	AAA0A8
RGB	170, 160, 168
RGB Percent	67%, 63%, 66%
CMY	0.3324, 0.3716, 0.3402
CMYK	0.00, 0.06, 0.01, 0.33
HSL	312°, 6%, 65%
HSV	312°, 6%, 67%
XYZ	36.3308, 36.6320, 42.3177
YIQ	163.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

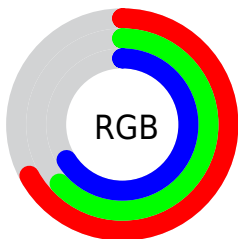
Format	Color
RYB	170, 160, 168
Decimal	11182248
CIELab	67.00, 5.11, -2.85
CIElCh	67, 5.851, 330.839
Yxy	36.6320, 0.3152, 0.3178
Android (android.graphics.Color)	4289372328 (0xFFAAA0A8)
YUV	163.9020, 2.0203, 5.3479
Hunter-Lab	60.5244, 1.2300, 0.9124

Details

The CIELCh color $67, 5.851, 330.839$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 5.829, 150.211$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.549, 330.743$, and $47, 5.545, 331.737$ is the 20% darker color. If you saturate the color by 10%, you get $63, 15.902, 331.495$, and if you desaturate by 10%, it is $72, 4.056, 150.356$.

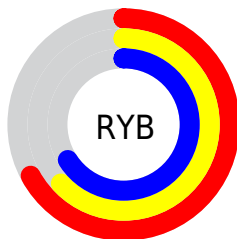
Distribution



Red (67%)

Green (63%)

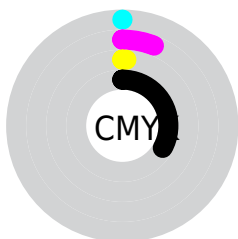
Blue (66%)



Red (67%)

Yellow (63%)

Blue (66%)

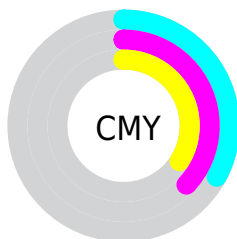


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.851, 330.839 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, 5.851, 330.839 by changing the saturation by 10% instead.

67, 5.851, 330.839

67, 5.851, 330.839

100, 5.851,
330.839

57, 5.851, 330.839

87, 5.851, 330.839

47, 5.851, 330.839

97, 5.851, 330.839

37, 5.851, 330.839

27, 5.851, 330.839

17, 5.851, 330.839

7, 5.851, 330.839

0, 5.851, 330.839

67, 5.851, 330.839

67, 5.851, 330.839

63, 15.902,

72, 4.056, 150.356

331.495

76, 13.739,
149.734

58, 25.978,
332.150

81, 23.158,
149.180

54, 35.886,
332.823

86, 32.296,
148.659

50, 45.354,
333.517

91, 41.152,
148.167

47, 54.025,
334.236

93, 45.453,
148.491

44, 61.472,
334.987

93, 44.102,
149.908

42, 67.258,
335.790

93, 42.770,
151.408

40, 71.041,
336.669

94, 41.460,
152.998

39, 72.742,
337.661

Harmonies

Complementary

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



67, 5.851, 330.839



69, 5.829, 150.211

Rectangle

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



67, 5.851, 330.839



67, 5.851, 20.839



67, 5.851, 150.839



67, 5.851, 200.839

Sweetspot

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



67, 5.849, 330.841



87, 2.467, 330.519



66, 5.603, 298.393



47, 1.414, 330.505



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 5.849, 330.841



84, 8.653, 330.926



67, 4.183, 356.397



34, 4.471, 330.946



33, 66.097, 337.950



2, 9.711, 332.764

Inverse Universe

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



67, 5.849, 330.841



84, 8.653, 330.926



69, 4.109, 175.536



34, 4.471, 330.946



33, 66.097, 337.950



2, 9.711, 332.764

Previews

White Background



This preview shows how the CIELCh color 67, 5.851, 330.839 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 67, 5.851, 330.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

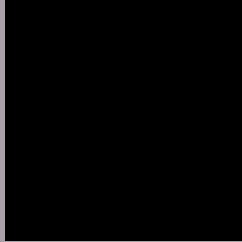
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 5.851, 330.839

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.851, 330.839.



This preview shows how white text looks on a background with the CIELCh color 67, 5.851, 330.839.

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, 5.851, 330.839

Protanopia

67, 3.956, 301.493

Deuteranopia

67, 9.175, 338.837



Tritanopia
67, 7.852, 322.493

Trichromacy



Original Color
67, 5.851, 330.839

Protanomaly
67, 4.833, 313.474

Deuteranomaly
67, 7.960, 336.224

Tritanomaly
67, 7.392, 324.757

Monochromacy



Original Color
67, 5.851, 330.839

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, 5.851, 330.839 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(170, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(170, 160, 168)  
}
```

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(170, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 160, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.851, 330.839 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(170, 160, 168) }
```

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

```
.border{ border-color:rgb(170, 160, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 160, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 160, 168);  
box-shadow:4px 4px 4px 4px rgb(170, 160,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.851, 330.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 160, 168) }
```

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

```
.background{ background-color: rgb(170,  
160, 168) }
```

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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