

Converting Colors

CIELCh(67, 13.357, 298.937)

Have a look what the booklet for
CIELCh(67, 13.357, 298.937)
contains.

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Color

CIELCh(67, 13.437, 299.244)

Conversions

Conversions Part 1

Format	Color
Hex	A5A0B8
RGB	165, 160, 184
RGB Percent	65%, 63%, 72%
CMY	0.3527, 0.3723, 0.2782
CMYK	0.10, 0.13, 0.00, 0.28
HSL	252°, 14%, 67%
HSV	252°, 13%, 72%
XYZ	36.7695, 36.6320, 50.5147
YIQ	164.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

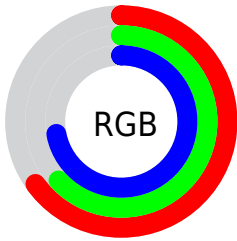
Format	Color
R_{YB}	165, 160, 184
Decimal	10854584
CIE Lab	67.00, 6.56, -11.72
CIE LCh	67, 13.437, 299.244
Yxy	36.6320, 0.2967, 0.2956
Android (android.graphics.Color)	4289044664 (0xFFA5A0B8)
YUV	164.2310, 9.7461, 0.6744
Hunter-Lab	60.5244, 2.5241, -7.1174

Details

The CIELCh color **67, 13.437, 299.244** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 13.073, 117.450**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 13.246, 298.746**, and **47, 13.160, 298.547** is the 20% darker color. If you saturate the color by 10%, you get **61, 24.189, 300.081**, and if you desaturate by 10%, it is **73, 3.079, 298.509**.

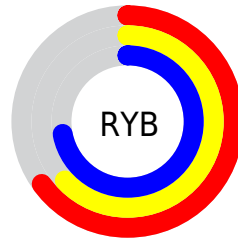
Distribution



Red (65%)

Green (63%)

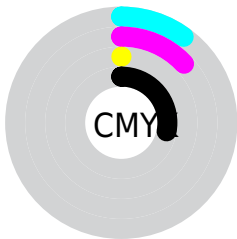
Blue (72%)



Red (65%)

Yellow (63%)

Blue (72%)

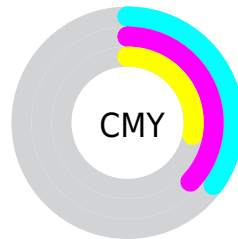


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (37%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 13.437, 299.244 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, 13.437, 299.244 by changing the saturation by 10% instead.

 67, 13.437,
299.244


 67, 13.437,
299.244


 100, 13.437,
299.244


 57, 13.437,
299.244


 87, 13.437,
299.244

 47, 13.437,
299.244

 97, 13.437,
299.244

 37, 13.437,
299.244

 27, 13.437,
299.244

 17, 13.437,
299.244

 7, 13.437, 299.244

 0, 13.437, 299.244

67, 13.437,
299.244

67, 13.437,
299.244

61, 24.189,
300.081

73, 3.079, 298.509

55, 35.345,
301.038

79, 6.896, 117.886

49, 46.875,
302.112

85, 16.511,
117.342

43, 58.684,
303.286

91, 25.790,
116.874

38, 70.535,
304.511

97, 34.753,
116.472

33, 81.928,
305.684

98, 35.663,
109.004

28, 91.965,
306.640

99, 35.645,
107.461

25, 99.387,

307.159

■ 23, 103.065,
307.331

Harmonies

Complementary

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



67, 13.437, 299.244



74, 13.073, 117.450

Rectangle

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



67, 13.437, 299.244



67, 13.437, 349.244



67, 13.437, 119.244



67, 13.437, 169.244

Sweetspot

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



67, 13.435, 299.241



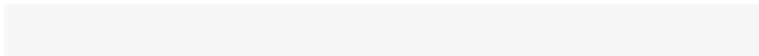
92, 5.030, 298.580



72, 7.318, 219.946



48, 3.576, 298.633



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 13.435, 299.241



83, 20.556, 299.500



68, 14.669, 316.265



36, 5.786, 298.959



19, 90.894, 307.423



1, 15.492, 296.304

Inverse Universe

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



68, 13.820, 331.611



85, 21.052, 331.823



73, 14.520, 135.179



36, 5.979, 331.368



35, 68.130, 338.496



3, 15.267, 334.343

Previews

White Background



This preview shows how the CIELCh color 67, 13.437, 299.244 looks on a white background.

Color Contrast Check

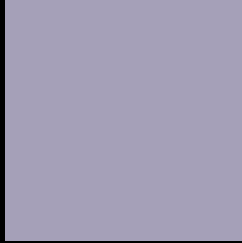
Large Text (above 18pt) WCAG AA × Fail

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, 13.437, 299.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

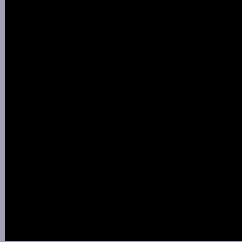
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

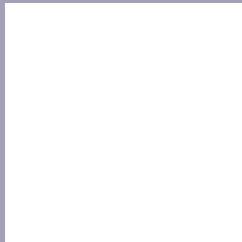
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.437, 299.244

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.437, 299.244.



This preview shows how white text looks on a background with the CIELCh color 67, 13.437, 299.244.

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, 13.437, 299.244

Protanopia

67, 12.738, 286.672

Deuteranopia

67, 14.359, 306.192



Tritanopia
67, 6.653, 294.049

Trichromacy



Original Color
67, 13.437, 299.244

Protanomaly
67, 13.278, 291.544

Deuteranomaly
67, 14.270, 304.773

Tritanomaly
67, 9.488, 297.788

Monochromacy



Original Color
67, 13.437, 299.244

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.443, 295.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.437, 299.244 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(165, 160, 184)` looks like.

```
.text, #text, p{  
    color:rgb(165, 160, 184)  
}
```

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(165, 160, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 160, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.437, 299.244 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(165, 160, 184) }
```

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

```
.border{ border-color:rgb(165, 160, 184) }
```

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

Here you see how a box with a 4 pixel rgb(165, 160, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 160, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 160, 184);  
box-shadow:4px 4px 4px 4px rgb(165, 160,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.437, 299.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 160, 184) }
```

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

```
.background{ background-color: rgb(165,  
160, 184) }
```

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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