

Converting Colors

CIELCh(67, 5.364, 243.855)

Have a look what the booklet for
CIELCh(67, 5.364, 243.855) contains.

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Color

CIELCh(67, 5.171, 239.155)

Conversions

Conversions Part 1

Format	Color
Hex	9AA5AB
RGB	154, 165, 171
RGB Percent	60%, 65%, 67%
CMY	0.3968, 0.3536, 0.3301
CMYK	0.10, 0.04, 0.00, 0.33
HSL	201°, 9%, 64%
HSV	201°, 10%, 67%
XYZ	34.0492, 36.6320, 43.7146
YIQ	162.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

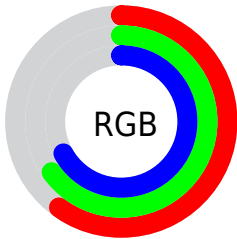
Format	Color
RYB	154, 161, 171
Decimal	10134955
CIELab	67.00, -2.65, -4.44
CIELCh	67, 5.171, 239.155
Yxy	36.6320, 0.2976, 0.3202
Android (android.graphics.Color)	4288325035 (0xFF9AA5AB)
YUV	162.3950, 4.2423, -7.3624
Hunter-Lab	60.5244, -5.4987, -0.4560

Details

The CIELCh color `67, 5.171, 239.155` is a light color, and the websafe version is hex `999999`. A complement of this color would be `67, 5.414, 57.190`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 5.198, 236.497`, and `47, 5.203, 242.285` is the 20% darker color. If you saturate the color by 10%, you get `64, 10.176, 240.268`, and if you desaturate by 10%, it is `70, 0.023, 39.234`.

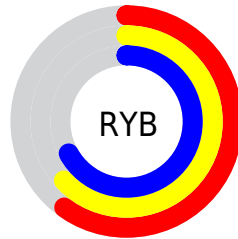
Distribution



Red (60%)

Green (65%)

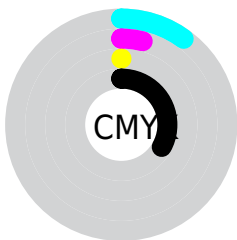
Blue (67%)



Red (60%)

Yellow (63%)

Blue (67%)

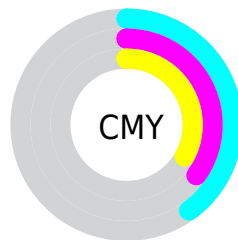


Cyan (10%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.171, 239.155 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, 5.171, 239.155 by changing the saturation by 10% instead.

■ 67, 5.171, 239.155

■ 67, 5.171, 239.155

■ 100, 5.171,
239.155

■ 57, 5.171, 239.155

■ 87, 5.171, 239.155

■ 47, 5.171, 239.155

■ 97, 5.171, 239.155

■ 37, 5.171, 239.155

■ 27, 5.171, 239.155

■ 17, 5.171, 239.155

■ 7, 5.171, 239.155

■ 0, 5.171, 239.155

■ 67, 5.171, 239.155

■ 67, 5.171, 239.155

■ 64, 10.176,

■ 70, 0.023, 39.234

240.268

73, 5.357, 57.247

61, 14.947,
241.701

76, 10.799, 56.650

79, 16.315, 56.137

59, 19.435,
243.483

82, 21.879, 55.707

56, 23.593,
245.684

85, 27.028, 55.978

53, 27.391,
248.387

86, 27.166, 63.821

88, 27.816, 71.422

51, 30.825,
251.667

89, 28.938, 78.526

49, 33.931,
255.572

47, 36.797,
260.092

45, 39.612,
264.945

Harmonies

Complementary

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



67, 5.171, 239.155



67, 5.414, 57.190

Rectangle

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



67, 5.171, 239.155



67, 5.171, 289.155



67, 5.171, 59.155



67, 5.171, 109.155

Sweetspot

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



67, 5.171, 239.136



87, 1.953, 238.641



68, 8.894, 155.694



46, 1.490, 238.660



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, 5.171, 239.136



84, 7.683, 239.366



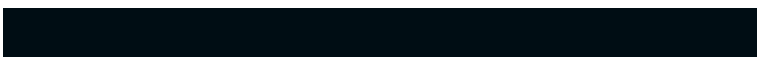
65, 8.080, 284.393



34, 2.909, 239.072



39, 35.374, 264.304



3, 5.526, 247.541

Inverse Universe

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



65, 8.936, 337.173



82, 13.353, 337.346



69, 7.958, 102.171



33, 5.018, 337.121



32, 59.803, 348.470



2, 8.591, 340.081

Previews

White Background



This preview shows how the CIELCh color 67, 5.171, 239.155 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, 5.171, 239.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

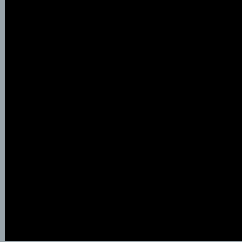
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

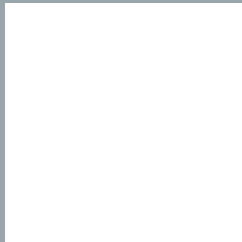
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.171, 239.155

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.171, 239.155.



This preview shows how white text looks on a background with the CIELCh color 67, 5.171, 239.155.

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, 5.171, 239.155

Protanopia

67, 3.956, 301.493

Deuteranopia

67, 9.850, 328.548



Tritanopia
67, 7.819, 266.294

Trichromacy



Original Color
67, 5.171, 239.155

Protanomaly
67, 4.010, 274.467

Deuteranomaly
67, 7.171, 312.195

Tritanomaly
67, 6.841, 262.201

Monochromacy



Original Color
67, 5.171, 239.155

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.853, 236.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.171, 239.155 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(154, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 165, 171)  
}
```

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(154, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 165, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.171, 239.155 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(154, 165, 171) }
```

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

```
.border{ border-color:rgb(154, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 165,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.171, 239.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 165, 171) }
```

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

```
.background{ background-color: rgb(154,  
165, 171) }
```

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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