

Converting Colors

CIELCh(69, 2.818, 334.378)

Have a look what the booklet for
CIELCh(69, 2.818, 334.378) contains.

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Color

CIELCh(69, 2.915, 330.610)

Conversions

Conversions Part 1

Format	Color
Hex	ACA7AB
RGB	172, 167, 171
RGB Percent	67%, 65%, 67%
CMY	0.3255, 0.3451, 0.3294
CMYK	0.00, 0.03, 0.01, 0.33
HSL	312°, 3%, 66%
HSV	312°, 3%, 67%
XYZ	38.1788, 39.3444, 44.1061
YIQ	168.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

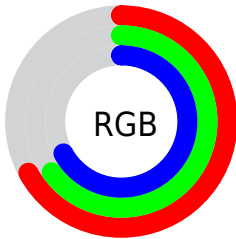
Format	Color
RYB	172, 167, 171
Decimal	11315115
CIELab	69.00, 2.54, -1.43
CIELCh	69, 2.915, 330.610
Yxy	39.3444, 0.3139, 0.3235
Android (android.graphics.Color)	4289505195 (0xFFACA7AB)
YUV	168.9510, 1.0102, 2.6740
Hunter-Lab	62.7251, -1.1217, 2.2169

Details

The CIELCh color **69, 2.915, 330.610** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 2.897, 150.450**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 2.768, 330.542**, and **49, 3.114, 330.705** is the 20% darker color. If you saturate the color by 10%, you get **64, 13.017, 331.305**, and if you desaturate by 10%, it is **74, 7.015, 150.155**.

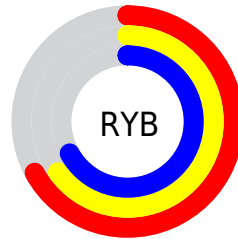
Distribution



Red (67%)

Green (65%)

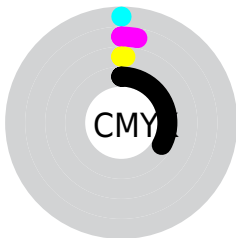
Blue (67%)



Red (67%)

Yellow (65%)

Blue (67%)

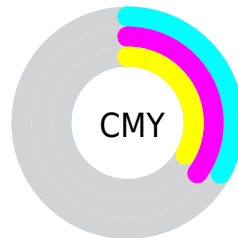


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 2.915, 330.610 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 69, 2.915, 330.610 by changing the saturation by 10% instead.

■ 69, 2.915, 330.610

■ 69, 2.915, 330.610

■ 100, 2.915,
330.610

■ 59, 2.915, 330.610

■ 89, 2.915, 330.610

■ 49, 2.915, 330.610

■ 99, 2.915, 330.610

■ 39, 2.915, 330.610

■ 29, 2.915, 330.610

■ 19, 2.915, 330.610

■ 9, 2.915, 330.610

■ 0, 2.915, 330.610

■ 69, 2.915, 330.610

■ 69, 2.915, 330.610

■ 64, 13.017,

■ 74, 7.015, 150.155

331.305

78, 16.702,
149.567

60, 23.187,
331.957

83, 26.116,
149.023

56, 33.252,
332.625

88, 35.245,
148.510

52, 42.963,
333.313

93, 44.090,
148.026

48, 51.985,
334.024

93, 43.892,
149.230

45, 59.901,
334.765

94, 42.536,
150.735

43, 66.266,
335.551

94, 41.203,
152.332

41, 70.693,
336.406

94, 39.893,
154.029

39, 72.987,
337.364

Harmonies

Complementary

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



69, 2.915, 330.610



70, 2.897, 150.450

Rectangle

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



69, 2.915, 330.610



69, 2.915, 20.610



69, 2.915, 150.610



69, 2.915, 200.610

Sweetspot

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



69, 2.913, 330.614



89, 1.248, 330.325



69, 2.783, 298.184



47, 0.709, 330.306



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 2.913, 330.614



88, 3.735, 330.627



69, 2.075, 356.017



36, 2.286, 330.684



34, 66.912, 337.970



2, 11.434, 333.199

Inverse Universe

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



69, 2.913, 330.614



88, 3.735, 330.627



70, 2.050, 175.909



36, 2.286, 330.684



34, 66.912, 337.970



2, 11.434, 333.199

Previews

White Background



This preview shows how the CIELCh color 69, 2.915, 330.610 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 69, 2.915, 330.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

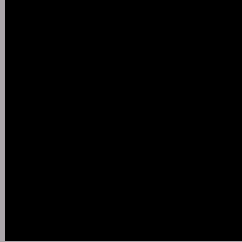
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

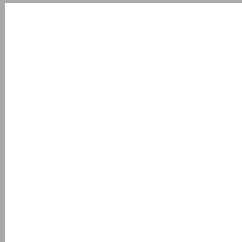
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 2.915, 330.610

Background



This preview shows how black text looks on a background with the CIELCh color 69, 2.915, 330.610.



This preview shows how white text looks on a background with the CIELCh color 69, 2.915, 330.610.

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


69, 2.915, 330.610

Protanopia

69, 2.489, 317.323

Deuteranopia

69, 9.084, 347.346



Tritanopia
69, 7.637, 310.693

Trichromacy



Original Color
69, 2.915, 330.610

Protanomaly
69, 2.684, 324.483

Deuteranomaly
69, 7.207, 342.515

Tritanomaly
69, 6.118, 315.939

Monochromacy



Original Color
69, 2.915, 330.610

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.346, 324.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 2.915, 330.610 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(172, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(172, 167, 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(172, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 167, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 2.915, 330.610 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(172, 167, 171) }
```

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

```
.border{ border-color:rgb(172, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(172, 167,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 2.915, 330.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 167, 171) }
```

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

```
.background{ background-color: rgb(172,  
167, 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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