

Converting Colors

CIELCh(43, 6.072, 333.070)

Have a look what the booklet for
CIELCh(43, 6.072, 333.070) contains.

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Color

CIELCh(43, 5.916, 334.839)

Conversions

Conversions Part 1

Format	Color
Hex	6D636A
RGB	109, 99, 106
RGB Percent	43%, 39%, 42%
CMY	0.5734, 0.6126, 0.5851
CMYK	0.00, 0.09, 0.03, 0.57
HSL	318°, 5%, 41%
HSV	318°, 9%, 43%
XYZ	13.3128, 13.1578, 15.4158
YIQ	102.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

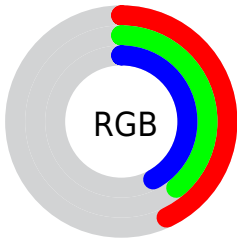
Format	Color
R_{YB}	109, 99, 106
Decimal	7168874
CIE _{Lab}	43.00, 5.35, -2.52
CIE _{LCh}	43, 5.916, 334.839
Yxy	13.1578, 0.3178, 0.3141
Android (android.graphics.Color)	4285358954 (0xFF6D636A)
YUV	102.7880, 1.5835, 5.4479
Hunter-Lab	36.2736, 2.0324, 0.1941

Details

The CIELCh color **43, 5.916, 334.839** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 5.885, 153.717**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 5.509, 334.649**, and **23, 5.743, 336.538** is the 20% darker color. If you saturate the color by 10%, you get **40, 12.429, 335.537**, and if you desaturate by 10%, it is **46, 0.513, 154.662**.

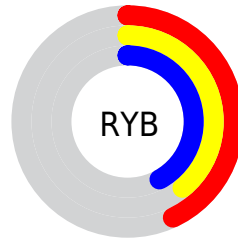
Distribution



Red (43%)

Green (39%)

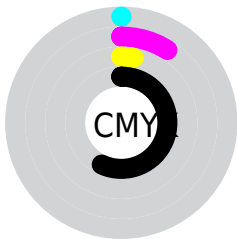
Blue (42%)



Red (43%)

Yellow (39%)

Blue (42%)

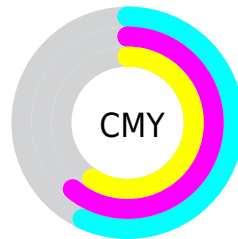


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (57%)



Cyan (57%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 5.916, 334.839 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 43, 5.916, 334.839 by changing the saturation by 10% instead.

■ 43, 5.916, 334.839

■ 43, 5.916, 334.839

■ 100, 5.916,
334.839

■ 33, 5.916, 334.839

■ 63, 5.916, 334.839

■ 23, 5.916, 334.839

■ 73, 5.916, 334.839

■ 13, 5.916, 334.839

■ 83, 5.916, 334.839

■ 3, 5.916, 334.839

■ 93, 5.916, 334.839

■ 0, 5.916, 334.839

■ 43, 5.916, 334.839

■ 43, 5.916, 334.839

■ 40, 12.429,
335.537

■ 46, 0.513, 154.662

■ 37, 18.949,

■ 49, 6.805, 153.667

336.262

53, 12.932,
153.081

34, 25.351,
337.033

56, 18.882,
152.537

31, 31.461,
337.861

59, 24.654,
152.026

29, 37.050,
338.765

63, 30.250,
151.544

27, 41.846,
339.771

66, 35.679,
151.090

25, 45.570,
340.920

69, 40.949,
150.661

24, 48.000,
342.266

73, 46.071,
150.258

23, 49.607,
343.743

Harmonies

Complementary

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



43, 5.916, 334.839



45, 5.885, 153.717

Rectangle

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



43, 5.916, 334.839



43, 5.916, 24.839



43, 5.916, 154.839



43, 5.916, 204.839

Sweetspot

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



43, 5.915, 334.841



57, 2.370, 334.373



42, 6.173, 302.309



29, 1.811, 334.438



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 5.915, 334.841



54, 8.737, 334.987



43, 4.367, 3.984



21, 3.571, 334.824



25, 52.403, 344.032



54, 89.199, 345.278

Inverse Universe

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



43, 5.915, 334.841



54, 8.737, 334.987



45, 4.220, 182.557



21, 3.571, 334.824



25, 52.403, 344.032



54, 89.199, 345.278

Previews

White Background



This preview shows how the CIELCh color 43, 5.916, 334.839 looks on a white 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 × Fail

Black Background



This preview shows how the CIE LCh color 43, 5.916, 334.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

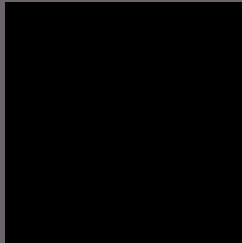
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 5.916, 334.839

Background



This preview shows how black text looks on a background with the CIELCh color 43, 5.916, 334.839.



This preview shows how white text looks on a background with the CIELCh color 43, 5.916, 334.839.

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

43, 5.916, 334.839

Protanopia

43, 3.643, 297.094

Deuteranopia

43, 5.916, 334.839



Tritanopia
43, 5.916, 334.839

Trichromacy



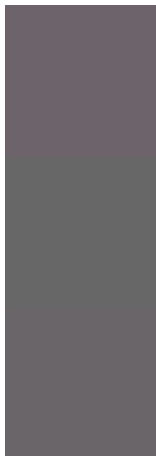
Original Color
43, 5.916, 334.839

Protanomaly
43, 4.542, 311.763

Deuteranomaly
43, 5.916, 334.839

Tritanomaly
43, 5.916, 334.839

Monochromacy



Original Color
43, 5.916, 334.839

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 2.461, 332.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 5.916, 334.839 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(109, 99, 106)` looks like.

```
.text, #text, p{  
    color:rgb(109, 99, 106)  
}
```

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(109, 99, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 99, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 5.916, 334.839 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(109, 99, 106) }
```

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

```
.border{ border-color:rgb(109, 99, 106) }
```

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

Here you see how a box with a 4 pixel rgb(109, 99, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 99, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 99, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 99,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 5.916, 334.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 99, 106) }
```

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

```
.background{ background-color: rgb(109, 99,  
106) }
```

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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