

Converting Colors

CIELCh(43, 4.358, 359.835)

Have a look what the booklet for
CIELCh(43, 4.358, 359.835) contains.

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Color

CIELCh(43, 4.561, 356.713)

Conversions

Conversions Part 1

Format	Color
Hex	6D6366
RGB	109, 99, 102
RGB Percent	43%, 39%, 40%
CMY	0.5722, 0.6114, 0.5997
CMYK	0.00, 0.09, 0.06, 0.57
HSL	342°, 5%, 41%
HSV	342°, 9%, 43%
XYZ	13.1899, 13.1578, 14.4373
YIQ	102.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

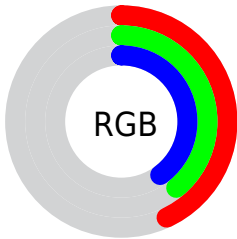
Format	Color
R_{YB}	109, 99, 102
Decimal	7168870
CIE _{Lab}	43.00, 4.55, -0.26
CIE _{LCh}	43, 4.561, 356.713
Yxy	13.1578, 0.3234, 0.3226
Android (android.graphics.Color)	4285358950 (0xFF6D6366)
YUV	102.3320, -0.1637, 5.8478
Hunter-Lab	36.2736, 1.4279, 1.7934

Details

The CIELCh color **43, 4.561, 356.713** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 4.446, 175.243**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 4.595, 358.416**, and **23, 3.960, 0.563** is the 20% darker color. If you saturate the color by 10%, you get **40, 9.714, 357.769**, and if you desaturate by 10%, it is **46, 0.403, 176.664**.

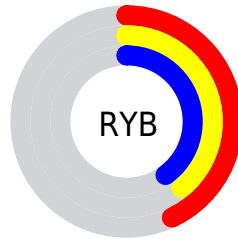
Distribution



Red (43%)

Green (39%)

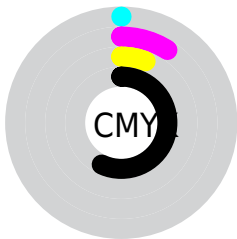
Blue (40%)



Red (43%)

Yellow (39%)

Blue (40%)

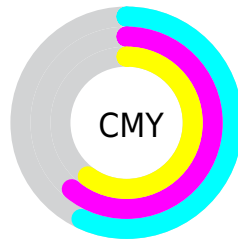


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (57%)



Cyan (57%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 4.561, 356.713 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, 4.561, 356.713 by changing the saturation by 10% instead.

■ 43, 4.561, 356.713

■ 43, 4.561, 356.713

■ 100, 4.561,
356.713

■ 33, 4.561, 356.713

■ 63, 4.561, 356.713

■ 23, 4.561, 356.713

■ 73, 4.561, 356.713

■ 13, 4.561, 356.713

■ 83, 4.561, 356.713

■ 3, 4.561, 356.713

■ 93, 4.561, 356.713

■ 0, 4.561, 356.713

■ 43, 4.561, 356.713

■ 43, 4.561, 356.713

■ 40, 9.714, 357.769

■ 46, 0.403, 176.664

■ 37, 15.019,
358.950

■ 50, 5.158, 175.174

33, 20.403, 0.332

53, 9.704, 174.438

31, 25.746, 1.985

57, 14.049,
173.788

28, 30.881, 4.004

60, 18.204,
173.199

26, 35.597, 6.509

24, 39.684, 9.643

63, 22.185,
172.661

23, 42.998, 13.545

67, 26.005,
172.165

22, 45.987, 17.790

70, 29.681,
171.707

74, 33.224,
171.282

Harmonies

Complementary

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



43, 4.561, 356.713



45, 4.446, 175.243

Rectangle

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



43, 4.561, 356.713



43, 4.561, 46.713



43, 4.561, 176.713



43, 4.561, 226.713

Sweetspot

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



43, 4.560, 356.722



58, 1.841, 356.035



43, 6.692, 316.077



29, 1.387, 356.132



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, 4.560, 356.722



55, 6.853, 356.940



43, 3.577, 39.216



21, 2.752, 356.700



23, 48.816, 18.620



52, 85.543, 22.229

Inverse Universe

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



43, 4.560, 356.722



55, 6.853, 356.940



45, 3.391, 219.821



21, 2.752, 356.700



23, 48.816, 18.620



52, 85.543, 22.229

Previews

White Background



This preview shows how the CIELCh color 43, 4.561, 356.713 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, 4.561, 356.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

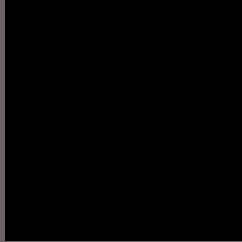
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 4.561, 356.713

Background



This preview shows how black text looks on a background with the CIELCh color 43, 4.561, 356.713.



This preview shows how white text looks on a background with the CIELCh color 43, 4.561, 356.713.

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, 4.561, 356.713

Protanopia

43, 1.471, 324.434

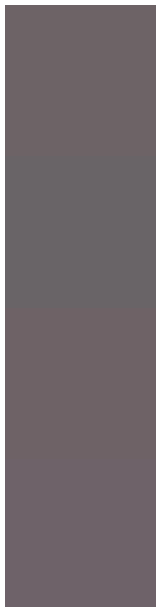
Deuteranopia

43, 5.962, 356.442



Tritanopia
43, 6.931, 336.362

Trichromacy



Original Color
43, 4.561, 356.713

Protanomaly
43, 2.763, 338.881

Deuteranomaly
43, 5.578, 354.615

Tritanomaly
43, 6.535, 340.178

Monochromacy



Original Color
43, 4.561, 356.713

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 1.774, 359.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 4.561, 356.713 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(109, 99, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 99, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 4.561, 356.713 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, 102) }
```

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

```
.border{ border-color:rgb(109, 99, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(109, 99,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 4.561, 356.713 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, 102) }
```

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

```
.background{ background-color: rgb(109, 99,  
102) }
```

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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