

Converting Colors

CIELCh(43, 5.899, 318.995)

Have a look what the booklet for
CIELCh(43, 5.899, 318.995) contains.

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Color

CIELCh(43, 6.157, 318.462)

Conversions

Conversions Part 1

Format	Color
Hex	6A636C
RGB	106, 99, 108
RGB Percent	42%, 39%, 42%
CMY	0.5830, 0.6105, 0.5752
CMYK	0.02, 0.08, 0.00, 0.58
HSL	287°, 4%, 41%
HSV	287°, 8%, 42%
XYZ	13.1984, 13.1578, 16.1218
YIQ	102.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

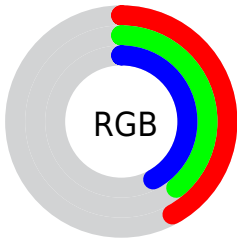
Format	Color
R_{YB}	106, 99, 108
Decimal	6972268
CIE Lab	43.00, 4.61, -4.08
CIE LCh	43, 6.157, 318.462
Yxy	13.1578, 0.3107, 0.3098
Android (android.graphics.Color)	4285162348 (0xFF6A636C)
YUV	102.1190, 2.8993, 3.4036
Hunter-Lab	36.2736, 1.4693, -0.9598

Details

The CIELCh color **43, 6.157, 318.462** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 6.121, 137.813**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 5.730, 318.352**, and **23, 6.006, 317.766** is the 20% darker color. If you saturate the color by 10%, you get **40, 13.672, 318.889**, and if you desaturate by 10%, it is **46, 1.231, 138.182**.

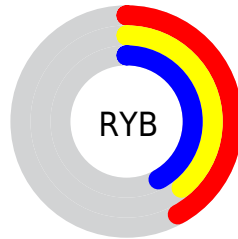
Distribution



Red (42%)

Green (39%)

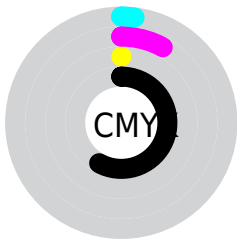
Blue (42%)



Red (42%)

Yellow (39%)

Blue (42%)

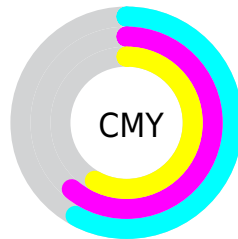


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 6.157, 318.462 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, 6.157, 318.462 by changing the saturation by 10% instead.

■ 43, 6.157, 318.462

■ 43, 6.157, 318.462

■ 100, 6.157,
318.462

■ 33, 6.157, 318.462

■ 63, 6.157, 318.462

■ 23, 6.157, 318.462

■ 73, 6.157, 318.462

■ 13, 6.157, 318.462

■ 83, 6.157, 318.462

■ 3, 6.157, 318.462

■ 93, 6.157, 318.462

■ 0, 6.157, 318.462

■ 43, 6.157, 318.462

■ 43, 6.157, 318.462

■ 40, 13.672,
318.889

■ 46, 1.231, 138.182

■ 37, 21.256,

■ 50, 8.452, 137.705

319.309

53, 15.488,
137.333

33, 28.811,
319.714

56, 22.332,
136.991

31, 36.191,
320.083

60, 28.982,
136.675

28, 43.193,
320.389

63, 35.442,
136.386

25, 49.549,
320.597

67, 41.719,
136.122

23, 54.944,
320.667

70, 47.821,
135.881

22, 59.070,
320.556

73, 53.757,
135.664

20, 62.249,
320.326

Harmonies

Complementary

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



43, 6.157, 318.462



45, 6.121, 137.813

Rectangle

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



43, 6.157, 318.462



43, 6.157, 8.462



43, 6.157, 138.462



43, 6.157, 188.462

Sweetspot

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



43, 6.156, 318.461



58, 1.825, 318.141



43, 4.225, 279.302



30, 1.046, 318.127



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, 6.156, 318.461



54, 9.171, 318.546



43, 5.457, 333.450



21, 4.125, 318.489



22, 66.490, 320.232



49, 114.637, 319.798

Inverse Universe

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



43, 3.962, 2.224



54, 5.919, 2.425



45, 5.435, 152.481



21, 2.658, 2.290



23, 50.674, 25.258



51, 89.604, 28.805

Previews

White Background



This preview shows how the CIELCh color 43, 6.157, 318.462 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, 6.157, 318.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

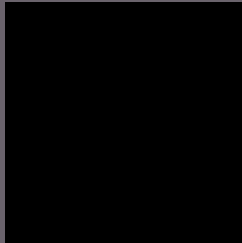
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 6.157, 318.462

Background



This preview shows how black text looks on a background with the CIELCh color 43, 6.157, 318.462.

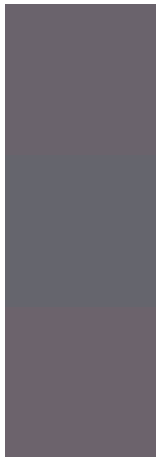


This preview shows how white text looks on a background with the CIELCh color 43, 6.157, 318.462.

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, 6.157, 318.462

Protanopia

43, 4.818, 290.885

Deuteranopia

43, 6.579, 324.847



Tritanopia
43, 5.634, 321.311

Trichromacy



Original Color

43, 6.157, 318.462

Protanomaly

43, 5.576, 303.474

Deuteranomaly

43, 6.358, 321.753

Tritanomaly

43, 5.634, 321.311

Monochromacy



Original Color

43, 6.157, 318.462

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 2.202, 324.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 6.157, 318.462 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(106, 99, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 99, 108)  
}
```

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(106, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 99, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 6.157, 318.462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

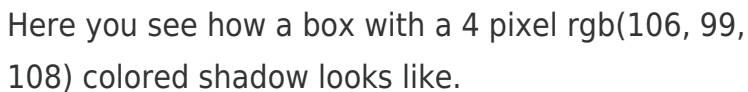
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 99, 108) }
```

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

```
.border{ border-color:rgb(106, 99, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 99, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 99, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 99, 108); box-shadow:4px 4px 4px 4px rgb(106, 99, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 6.157, 318.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 99, 108) }
```

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

```
.background{ background-color: rgb(106, 99,  
108) }
```

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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