

Converting Colors

CIELCh(43, 5.869, 315.797)

Have a look what the booklet for
CIELCh(43, 5.869, 315.797) contains.

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Color

CIELCh(43, 5.427, 317.568)

Conversions

Conversions Part 1

Format	Color
Hex	6A646C
RGB	106, 100, 108
RGB Percent	42%, 39%, 42%
CMY	0.5858, 0.6093, 0.5780
CMYK	0.02, 0.07, 0.00, 0.58
HSL	285°, 4%, 41%
HSV	285°, 7%, 42%
XYZ	13.1064, 13.1578, 15.9300
YIQ	102.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

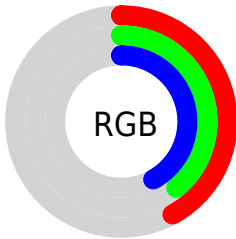
Format	Color
R_{YB}	106, 100, 108
Decimal	6972524
CIE Lab	43.00, 4.01, -3.66
CIE LCh	43, 5.427, 317.568
Yxy	13.1578, 0.3106, 0.3118
Android (android.graphics.Color)	4285162604 (0xFF6A646C)
YUV	102.7060, 2.6099, 2.8888
Hunter-Lab	36.2736, 1.0166, -0.6464

Details

The CIELCh color **43, 5.427, 317.568** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 5.393, 137.010**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 5.052, 317.471**, and **23, 6.006, 317.766** is the 20% darker color. If you saturate the color by 10%, you get **40, 12.841, 317.990**, and if you desaturate by 10%, it is **46, 1.851, 137.260**.

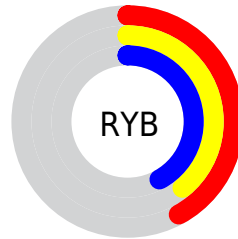
Distribution



Red (42%)

Green (39%)

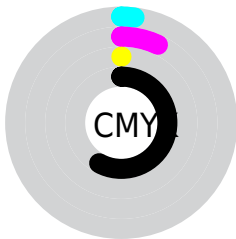
Blue (42%)



Red (42%)

Yellow (39%)

Blue (42%)

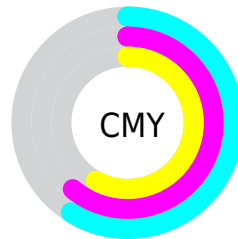


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (58%)



Cyan (59%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 5.427, 317.568 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, 5.427, 317.568 by changing the saturation by 10% instead.

■ 43, 5.427, 317.568

■ 43, 5.427, 317.568

■ 100, 5.427,
317.568

■ 33, 5.427, 317.568

■ 63, 5.427, 317.568

■ 23, 5.427, 317.568

■ 73, 5.427, 317.568

■ 13, 5.427, 317.568

■ 83, 5.427, 317.568

■ 3, 5.427, 317.568

■ 93, 5.427, 317.568

■ 0, 5.427, 317.568

■ 43, 5.427, 317.568

■ 43, 5.427, 317.568

■ 40, 12.841,
317.990

■ 46, 1.851, 137.260

■ 36, 20.341,

■ 50, 8.958, 136.831

318.407

53, 15.880,
136.472

33, 27.839,
318.812

56, 22.610,
136.144

30, 35.202,
319.185

60, 29.151,
135.842

28, 42.238,
319.498

63, 35.506,
135.567

25, 48.691,
319.717

67, 41.682,
135.317

23, 54.247,
319.796

70, 47.688,
135.090

21, 58.585,
319.690

73, 53.532,
134.886

20, 61.893,
319.441

Harmonies

Complementary

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



43, 5.427, 317.568



45, 5.393, 137.010

Rectangle

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



43, 5.427, 317.568



43, 5.427, 7.568



43, 5.427, 137.568



43, 5.427, 187.568

Sweetspot

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



43, 5.426, 317.566



58, 1.810, 317.291



43, 3.616, 276.992



30, 1.037, 317.278



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, 5.426, 317.566



55, 8.184, 317.645



43, 4.965, 332.126



21, 4.094, 317.632



21, 66.771, 319.315



48, 115.169, 318.841

Inverse Universe

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



43, 3.556, 0.080



55, 5.376, 0.268



45, 4.947, 151.303



21, 2.689, 0.238



23, 49.923, 22.954



52, 88.019, 26.558

Previews

White Background



This preview shows how the CIELCh color 43, 5.427, 317.568 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 CIELCh color 43, 5.427, 317.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

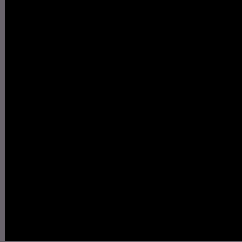
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 5.427, 317.568

Background



This preview shows how black text looks on a background with the CIELCh color 43, 5.427, 317.568.



This preview shows how white text looks on a background with the CIELCh color 43, 5.427, 317.568.

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, 5.427, 317.568

Protanopia

43, 4.216, 290.799

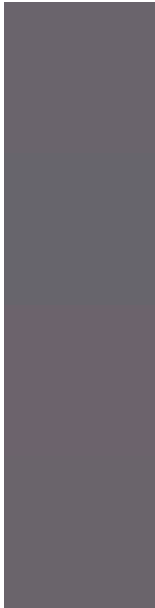
Deuteranopia

43, 6.817, 327.745



Tritanopia
43, 4.901, 320.748

Trichromacy



Original Color

43, 5.427, 317.568

Protanomaly

43, 4.303, 301.621

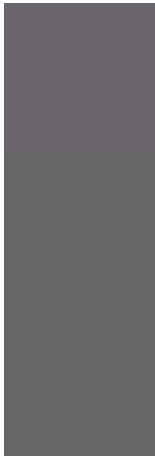
Deuteranomaly

43, 6.579, 324.847

Tritanomaly

43, 4.901, 320.748

Monochromacy



Original Color

43, 5.427, 317.568

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.997, 314.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 5.427, 317.568 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, 100, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 100, 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, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 100, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 5.427, 317.568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

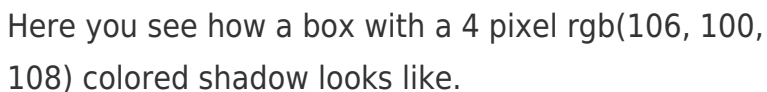
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 100, 108) }
```

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

```
.border{ border-color:rgb(106, 100, 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, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 100, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 100, 108); box-shadow:4px 4px 4px 4px rgb(106, 100, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 5.427, 317.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 100, 108) }
```

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

```
.background{ background-color: rgb(106,  
100, 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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