

Converting Colors

CIELCh(43, 3.486, 316.126)

Have a look what the booklet for
CIELCh(43, 3.486, 316.126) contains.

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Color

CIELCh(43, 3.988, 314.861)

Conversions

Conversions Part 1

Format	Color
Hex	68646A
RGB	104, 100, 106
RGB Percent	41%, 39%, 42%
CMY	0.5913, 0.6070, 0.5834
CMYK	0.02, 0.06, 0.00, 0.58
HSL	280°, 3%, 40%
HSV	280°, 6%, 42%
XYZ	12.9257, 13.1578, 15.5544
YIQ	101.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

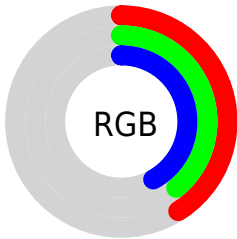
Format	Color
R_{YB}	104, 100, 106
Decimal	6841450
CIE Lab	43.00, 2.81, -2.83
CIE LCh	43, 3.988, 314.861
Yxy	13.1578, 0.3104, 0.3160
Android (android.graphics.Color)	4285031530 (0xFF68646A)
YUV	101.8800, 2.0312, 1.8592
Hunter-Lab	36.2736, 0.1275, -0.0325

Details

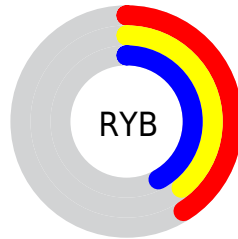
The CIELCh color **43, 3.988, 314.861** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 3.959, 134.473**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 3.710, 314.784**, and **23, 4.421, 315.016** is the 20% darker color. If you saturate the color by 10%, you get **40, 11.156, 315.276**, and if you desaturate by 10%, it is **46, 3.023, 134.541**.

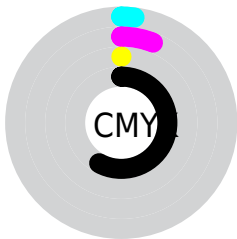
Distribution



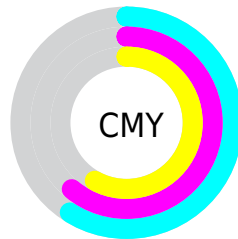
- Red (41%)
- Green (39%)
- Blue (42%)



- Red (41%)
- Yellow (39%)
- Blue (42%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 3.988, 314.861 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, 3.988, 314.861 by changing the saturation by 10% instead.

■ 43, 3.988, 314.861

■ 43, 3.988, 314.861

■ 100, 3.988,
314.861

■ 33, 3.988, 314.861

■ 63, 3.988, 314.861

■ 23, 3.988, 314.861

■ 73, 3.988, 314.861

■ 13, 3.988, 314.861

■ 83, 3.988, 314.861

■ 3, 3.988, 314.861

■ 93, 3.988, 314.861

■ 0, 3.988, 314.861

■ 43, 3.988, 314.861

■ 43, 3.988, 314.861

■ 40, 11.156,
315.276

■ 46, 3.023, 134.541

■ 36, 18.448,

■ 50, 9.853, 134.163

315.694

53, 16.498,
133.833

33, 25.800,
316.110

57, 22.955,
133.534

30, 33.108,
316.507

60, 29.229,
133.264

27, 40.214,
316.856

63, 35.326,
133.022

24, 46.890,
317.119

67, 41.255,
132.805

22, 52.833,
317.246

70, 47.023,
132.611

20, 57.692,
317.177

73, 52.639,
132.440

18, 61.408,
316.913

Harmonies

Complementary

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



43, 3.988, 314.861



44, 3.959, 134.473

Rectangle

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



43, 3.988, 314.861



43, 3.988, 4.861



43, 3.988, 134.861



43, 3.988, 184.861

Sweetspot

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



43, 3.987, 314.858



57, 1.744, 314.671



43, 2.482, 270.510



29, 0.984, 314.658



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 3.987, 314.858



54, 6.122, 314.924



43, 3.960, 329.112



21, 3.199, 314.924



20, 67.730, 316.727



45, 116.976, 316.153

Inverse Universe

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



43, 2.781, 354.069



55, 4.275, 354.231



44, 3.947, 148.565



21, 2.234, 354.229



24, 48.257, 15.579



52, 84.191, 19.128

Previews

White Background



This preview shows how the CIELCh color 43, 3.988, 314.861 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, 3.988, 314.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

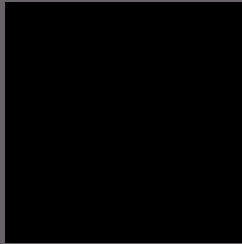
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 3.988, 314.861

Background



This preview shows how black text looks on a background with the CIELCh color 43, 3.988, 314.861.

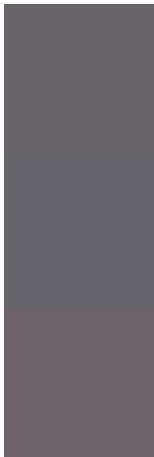


This preview shows how white text looks on a background with the CIELCh color 43, 3.988, 314.861.

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, 3.988, 314.861

Protanopia

43, 3.643, 297.094

Deuteranopia

43, 6.354, 331.035



Tritanopia
43, 5.108, 309.363

Trichromacy



Original Color

43, 3.988, 314.861

Protanomaly

43, 3.715, 303.326

Deuteranomaly

43, 5.855, 324.799

Tritanomaly

43, 4.542, 311.763

Monochromacy



Original Color

43, 3.988, 314.861

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, 3.988, 314.861 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(104, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(104, 100, 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(104, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 100, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 3.988, 314.861 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(104, 100, 106) }
```

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

```
.border{ border-color:rgb(104, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(104, 100,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 3.988, 314.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 100, 106) }
```

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

```
.background{ background-color: rgb(104,  
100, 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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