

Converting Colors

CIELCh(43, 4.631, 302.345)

Have a look what the booklet for
CIELCh(43, 4.631, 302.345) contains.

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Color

CIELCh(43, 4.990, 304.940)

Conversions

Conversions Part 1

Format	Color
Hex	67646C
RGB	103, 100, 108
RGB Percent	40%, 39%, 42%
CMY	0.5950, 0.6067, 0.5753
CMYK	0.05, 0.07, 0.00, 0.58
HSL	262°, 4%, 41%
HSV	262°, 7%, 42%
XYZ	12.9324, 13.1578, 16.1253
YIQ	101.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

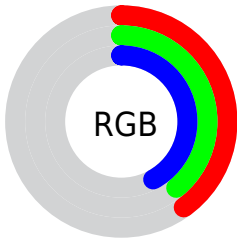
Format	Color
R_{YB}	103, 100, 108
Decimal	6775916
CIE Lab	43.00, 2.86, -4.09
CIE LCh	43, 4.990, 304.940
Yxy	13.1578, 0.3063, 0.3117
Android (android.graphics.Color)	4284965996 (0xFF67646C)
YUV	101.8090, 3.0522, 1.0445
Hunter-Lab	36.2736, 0.1607, -0.9656

Details

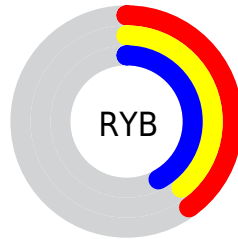
The CIELCh color **43, 4.990, 304.940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 4.922, 124.243**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 4.640, 304.826**, and **23, 5.538, 305.186** is the 20% darker color. If you saturate the color by 10%, you get **39, 11.919, 305.479**, and if you desaturate by 10%, it is **47, 1.726, 124.493**.

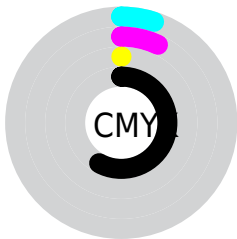
Distribution



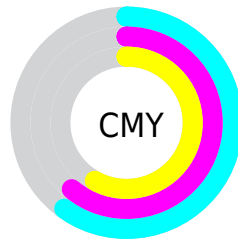
- Red (40%)
- Green (39%)
- Blue (42%)



- Red (40%)
- Yellow (39%)
- Blue (42%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 4.990, 304.940 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, 4.990, 304.940 by changing the saturation by 10% instead.

■ 43, 4.990, 304.940

■ 43, 4.990, 304.940

■ 100, 4.990,
304.940

■ 33, 4.990, 304.940

■ 63, 4.990, 304.940

■ 23, 4.990, 304.940

■ 73, 4.990, 304.940

■ 13, 4.990, 304.940

■ 83, 4.990, 304.940

■ 3, 4.990, 304.940

■ 93, 4.990, 304.940

■ 0, 4.990, 304.940

■ 43, 4.990, 304.940

■ 43, 4.990, 304.940

■ 39, 11.919,
305.479

■ 47, 1.726, 124.493

■ 36, 19.060,

■ 50, 8.228, 124.046

306.078

54, 14.523,
123.671

32, 26.387,
306.728

58, 20.622,
123.345

28, 33.849,
307.419

61, 26.534,
123.061

25, 41.340,
308.121

65, 32.270,
122.815

21, 48.668,
308.787

69, 37.839,
122.603

18, 55.512,
309.338

72, 43.253,
122.420

16, 61.398,
309.662

76, 48.521,
122.264

14, 66.356,
309.833

Harmonies

Complementary

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



43, 4.990, 304.940



45, 4.922, 124.243

Rectangle

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



43, 4.990, 304.940



43, 4.990, 354.940



43, 4.990, 124.940



43, 4.990, 174.940

Sweetspot

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



43, 4.989, 304.935



57, 1.661, 304.647



44, 2.665, 240.620



30, 0.952, 304.636



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, 4.989, 304.935



54, 7.533, 305.032



43, 5.609, 321.066



20, 3.768, 305.017



15, 71.813, 309.854



36, 124.444, 309.254

Inverse Universe

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



43, 4.486, 337.939



55, 6.766, 338.081



45, 5.587, 140.453



21, 3.385, 338.059



25, 50.203, 349.566



54, 85.462, 351.322

Previews

White Background



This preview shows how the CIELCh color 43, 4.990, 304.940 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, 4.990, 304.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

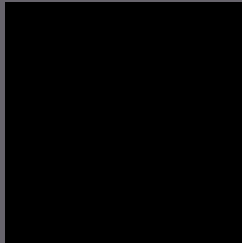
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

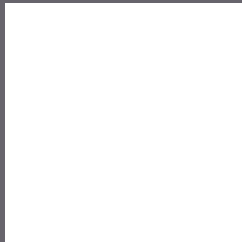
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 4.990, 304.940

Background



This preview shows how black text looks on a background with the CIELCh color 43, 4.990, 304.940.



This preview shows how white text looks on a background with the CIELCh color 43, 4.990, 304.940.

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, 4.990, 304.940

Protanopia

43, 4.818, 290.885

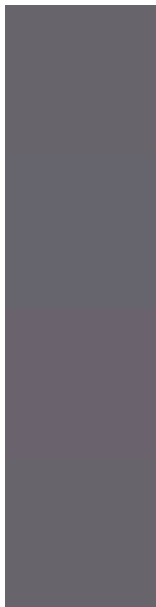
Deuteranopia

43, 7.081, 322.113



Tritanopia
43, 4.990, 304.940

Trichromacy



Original Color

43, 4.990, 304.940

Protanomaly

43, 4.840, 295.644

Deuteranomaly

43, 6.694, 316.078

Tritanomaly

43, 4.990, 304.940

Monochromacy



Original Color

43, 4.990, 304.940

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.861, 303.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 4.990, 304.940 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(103, 100, 108)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 100, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 4.990, 304.940 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(103, 100, 108) }
```

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

```
.border{ border-color:rgb(103, 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(103, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 100, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 100, 108);  
box-shadow:4px 4px 4px 4px rgb(103, 100,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 4.990, 304.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 100, 108) }
```

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

```
.background{ background-color: rgb(103,  
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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