

Converting Colors

CIELCh(43, 9.558, 325.266)

Have a look what the booklet for
CIELCh(43, 9.558, 325.266) contains.

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Color

CIELCh(43, 9.474, 325.031)

Conversions

Conversions Part 1

Format	Color
Hex	6F626F
RGB	111, 98, 111
RGB Percent	44%, 38%, 44%
CMY	0.5662, 0.6172, 0.5662
CMYK	0.00, 0.12, 0.00, 0.57
HSL	300°, 6%, 41%
HSV	300°, 12%, 43%
XYZ	13.6867, 13.1578, 16.7454
YIQ	103.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

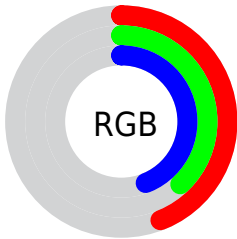
Format	Color
R_{YB}	111, 98, 111
Decimal	7299695
CIE _{Lab}	43.00, 7.76, -5.43
CIE _{LCh}	43, 9.474, 325.031
Yxy	13.1578, 0.3140, 0.3019
Android (android.graphics.Color)	4285489775 (0xFF6F626F)
YUV	103.3690, 3.7621, 6.6924
Hunter-Lab	36.2736, 3.8726, -1.9791

Details

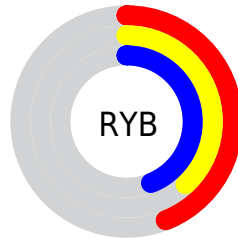
The CIELCh color **43, 9.474, 325.031** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 9.460, 143.795**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 9.503, 324.880**, and **23, 8.848, 325.262** is the 20% darker color. If you saturate the color by 10%, you get **40, 17.593, 325.556**, and if you desaturate by 10%, it is **46, 1.402, 324.412**.

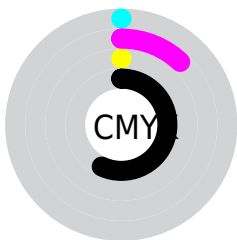
Distribution



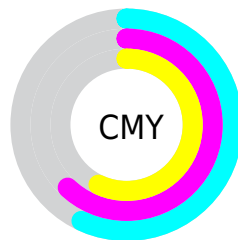
- Red (44%)
- Green (38%)
- Blue (44%)



- Red (44%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (57%)



- Cyan (57%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.474, 325.031 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, 9.474, 325.031 by changing the saturation by 10% instead.

■ 43, 9.474, 325.031

■ 43, 9.474, 325.031

■ 100, 9.474,
325.031

■ 33, 9.474, 325.031

■ 63, 9.474, 325.031

■ 23, 9.474, 325.031

■ 73, 9.474, 325.031

■ 13, 9.474, 325.031

■ 83, 9.474, 325.031

■ 3, 9.474, 325.031

■ 93, 9.474, 325.031

■ 0, 9.474, 325.031

■ 43, 9.474, 325.031

■ 43, 9.474, 325.031

■ 40, 17.593,
325.556

■ 46, 1.402, 324.412

■ 37, 25.642,

■ 49, 6.539, 144.047

326.064

53, 14.299,
143.538

34, 33.454,
326.547

56, 21.849,
143.057

32, 40.809,
326.992

59, 29.176,
142.601

30, 47.444,
327.383

63, 36.276,
142.169

28, 53.080,
327.708

66, 43.153,
141.763

27, 57.464,
327.955

69, 49.815,
141.382

26, 60.445,
328.121

73, 56.271,
141.027

25, 62.448,
328.231

Harmonies

Complementary

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



43, 9.474, 325.031



45, 9.460, 143.795

Rectangle

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



43, 9.474, 325.031



43, 9.474, 15.031



43, 9.474, 145.031



43, 9.474, 195.031

Sweetspot

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



43, 9.473, 325.031



58, 3.962, 324.602



42, 7.730, 290.689



29, 2.797, 324.640



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, 9.473, 325.031



54, 13.940, 325.170



43, 6.757, 343.647



22, 4.583, 324.884



28, 66.124, 328.231



59, 112.931, 328.231

Inverse Universe

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



43, 5.523, 20.060



53, 8.199, 20.261



45, 6.666, 161.879



22, 2.649, 19.854



24, 58.000, 37.788



52, 102.188, 39.999

Previews

White Background



This preview shows how the CIELCh color 43, 9.474, 325.031 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, 9.474, 325.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

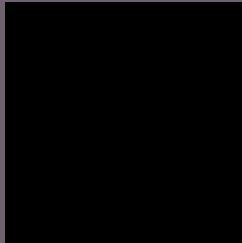
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 9.474, 325.031

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.474, 325.031.



This preview shows how white text looks on a background with the CIELCh color 43, 9.474, 325.031.

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, 9.474, 325.031

Protanopia

43, 7.227, 288.105

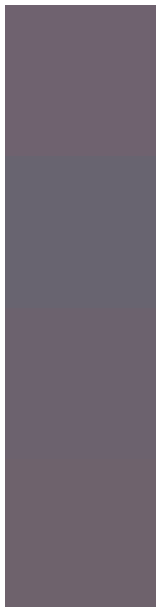
Deuteranopia

43, 7.410, 316.972



Tritanopia
43, 6.931, 336.362

Trichromacy



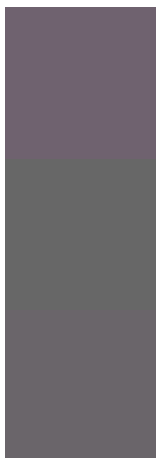
Original Color
43, 9.474, 325.031

Protanomaly
43, 7.427, 303.615

Deuteranomaly
43, 8.330, 320.249

Tritanomaly
43, 7.803, 329.990

Monochromacy



Original Color
43, 9.474, 325.031

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 3.660, 324.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.474, 325.031 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(111, 98, 111)` looks like.

```
.text, #text, p{  
    color:rgb(111, 98, 111)  
}
```

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(111, 98, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 98, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.474, 325.031 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(111, 98, 111) }
```

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

```
.border{ border-color:rgb(111, 98, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 98, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 98, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 98, 111);  
box-shadow:4px 4px 4px 4px rgb(111, 98,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.474, 325.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 98, 111) }
```

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

```
.background{ background-color: rgb(111, 98,  
111) }
```

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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