

Converting Colors

CIELCh(43, 9.719, 304.997)

Have a look what the booklet for
CIELCh(43, 9.719, 304.997) contains.

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Color

CIELCh(43, 9.968, 305.293)

Conversions

Conversions Part 1

Format	Color
Hex	696373
RGB	105, 99, 115
RGB Percent	41%, 39%, 45%
CMY	0.5883, 0.6119, 0.5491
CMYK	0.09, 0.14, 0.00, 0.55
HSL	262°, 7%, 42%
HSV	262°, 14%, 45%
XYZ	13.3751, 13.1578, 18.0464
YIQ	102.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

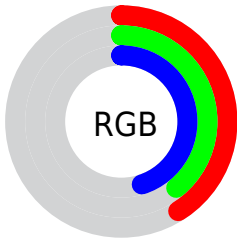
Format	Color
R_{YB}	105, 99, 115
Decimal	6906739
CIE _{Lab}	43.00, 5.76, -8.14
CIE _{LCh}	43, 9.968, 305.293
Yxy	13.1578, 0.3000, 0.2952
Android (android.graphics.Color)	4285096819 (0xFF696373)
YUV	102.6180, 6.1043, 2.0890
Hunter-Lab	36.2736, 2.3390, -4.1056

Details

The CIELCh color $43, 9.968, 305.293$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 9.741, 123.915$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 9.813, 304.315$, and $23, 9.630, 304.979$ is the 20% darker color. If you saturate the color by 10%, you get $39, 17.396, 305.874$, and if you desaturate by 10%, it is $47, 2.763, 304.756$.

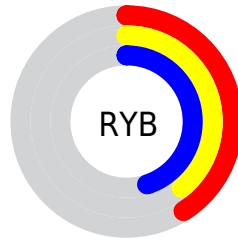
Distribution



Red (41%)

Green (39%)

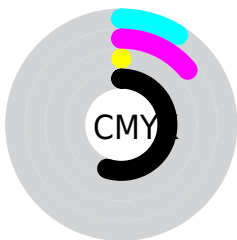
Blue (45%)



Red (41%)

Yellow (39%)

Blue (45%)

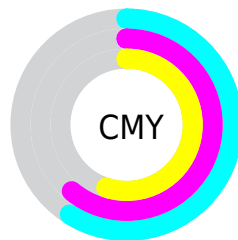


Cyan (9%)

Magenta (14%)

Yellow (0%)

Black (55%)



Cyan (59%)

Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.968, 305.293 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, 9.968, 305.293 by changing the saturation by 10% instead.

■ 43, 9.968, 305.293

■ 43, 9.968, 305.293

■ 100, 9.968,
305.293

■ 33, 9.968, 305.293

■ 63, 9.968, 305.293

■ 23, 9.968, 305.293

■ 73, 9.968, 305.293

■ 13, 9.968, 305.293

■ 83, 9.968, 305.293

■ 3, 9.968, 305.293

■ 93, 9.968, 305.293

■ 0, 9.968, 305.293

■ 43, 9.968, 305.293

■ 43, 9.968, 305.293

■ 39, 17.396,
305.874

■ 47, 2.763, 304.756

■ 35, 25.033,

■ 51, 4.212, 124.323

306.513

55, 10.964,
123.907

31, 32.835,
307.197

59, 17.502,
123.548

28, 40.711,
307.905

62, 23.835,
123.236

24, 48.490,
308.593

66, 29.975,
122.965

21, 55.878,
309.192

70, 35.933,
122.731

18, 62.418,
309.600

74, 41.719,
122.529

16, 67.614,
309.714

77, 47.345,
122.356

14, 70.775,
309.877

Harmonies

Complementary

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



43, 9.968, 305.293



48, 9.741, 123.915

Rectangle

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



43, 9.968, 305.293



43, 9.968, 355.293



43, 9.968, 125.293



43, 9.968, 175.293

Sweetspot

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



43, 9.967, 305.291



60, 3.521, 304.766



45, 5.217, 241.272



31, 2.524, 304.800



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 9.967, 305.291



54, 15.263, 305.491



44, 11.147, 321.373



22, 4.068, 305.027



15, 74.076, 309.807



36, 126.418, 309.243

Inverse Universe

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



44, 8.922, 338.443



55, 13.622, 338.715



47, 11.094, 140.105



23, 3.654, 338.073



26, 51.712, 349.700



55, 86.787, 351.361

Previews

White Background



This preview shows how the CIELCh color 43, 9.968, 305.293 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, 9.968, 305.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

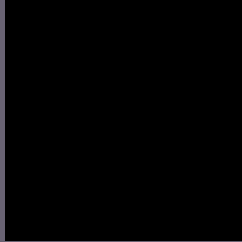
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 9.968, 305.293

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.968, 305.293.



This preview shows how white text looks on a background with the CIELCh color 43, 9.968, 305.293.

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, 9.968, 305.293

Protanopia

43, 9.046, 286.562

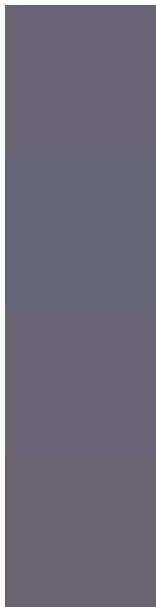
Deuteranopia

43, 9.968, 305.293



Tritanopia
43, 5.108, 309.363

Trichromacy



Original Color
43, 9.968, 305.293

Protanomaly
43, 9.657, 293.884

Deuteranomaly
43, 9.968, 305.293

Tritanomaly
43, 6.842, 304.664

Monochromacy



Original Color
43, 9.968, 305.293

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 3.126, 305.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.968, 305.293 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(105, 99, 115)` looks like.

```
.text, #text, p{  
    color:rgb(105, 99, 115)  
}
```

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(105, 99, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 99, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.968, 305.293 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(105, 99, 115) }
```

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

```
.border{ border-color:rgb(105, 99, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 99, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 99, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 99, 115);  
box-shadow:4px 4px 4px 4px rgb(105, 99,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.968, 305.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 99, 115) }
```

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

```
.background{ background-color: rgb(105, 99,  
115) }
```

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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