

Converting Colors

CIELCh(43, 9.541, 310.495)

Have a look what the booklet for
CIELCh(43, 9.541, 310.495) contains.

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Color

CIELCh(43, 9.497, 308.476)

Conversions

Conversions Part 1

Format	Color
Hex	6A6372
RGB	106, 99, 114
RGB Percent	42%, 39%, 45%
CMY	0.5850, 0.6124, 0.5536
CMYK	0.07, 0.13, 0.00, 0.55
HSL	268°, 7%, 42%
HSV	268°, 13%, 45%
XYZ	13.3982, 13.1578, 17.7031
YIQ	102.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

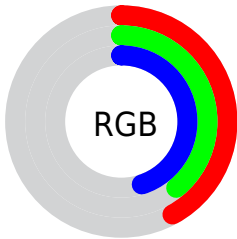
Format	Color
R _Y B	106, 99, 114
Decimal	6972274
CIE Lab	43.00, 5.91, -7.43
CIE LCh	43, 9.497, 308.476
Yxy	13.1578, 0.3027, 0.2973
Android (android.graphics.Color)	4285162354 (0xFF6A6372)
YUV	102.8030, 5.5201, 2.8038
Hunter-Lab	36.2736, 2.4528, -3.5445

Details

The CIELCh color $43, 9.497, 308.476$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 9.321, 127.327$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 9.370, 307.302$, and $23, 9.097, 308.549$ is the 20% darker color. If you saturate the color by 10%, you get $39, 16.934, 308.973$, and if you desaturate by 10%, it is $47, 2.258, 307.997$.

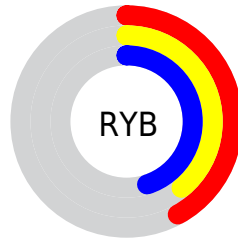
Distribution



Red (42%)

Green (39%)

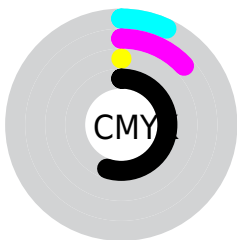
Blue (45%)



Red (42%)

Yellow (39%)

Blue (45%)

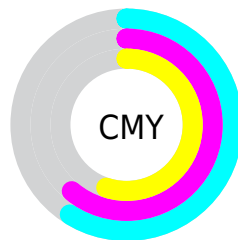


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (55%)



Cyan (59%)

Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.497, 308.476 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, 9.497, 308.476 by changing the saturation by 10% instead.

■ 43, 9.497, 308.476

■ 43, 9.497, 308.476

■ 100, 9.497,
308.476

■ 33, 9.497, 308.476

■ 63, 9.497, 308.476

■ 23, 9.497, 308.476

■ 73, 9.497, 308.476

■ 13, 9.497, 308.476

■ 83, 9.497, 308.476

■ 3, 9.497, 308.476

■ 93, 9.497, 308.476

■ 0, 9.497, 308.476

■ 43, 9.497, 308.476

■ 43, 9.497, 308.476

■ 39, 16.934,
308.973

■ 47, 2.258, 307.997

■ 36, 24.546,

■ 51, 4.768, 127.634

309.506

54, 11.582,
127.260

32, 32.272,
310.060

58, 18.188,
126.935

28, 40.007,
310.611

62, 24.596,
126.650

25, 47.569,
311.118

65, 30.813,
126.400

22, 54.665,
311.519

69, 36.851,
126.183

19, 60.876,
311.725

73, 42.718,
125.996

17, 65.746,
311.646

76, 48.425,
125.834

15, 68.981,
311.651

Harmonies

Complementary

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



43, 9.497, 308.476



47, 9.321, 127.327

Rectangle

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



43, 9.497, 308.476



43, 9.497, 358.476



43, 9.497, 128.476



43, 9.497, 178.476

Sweetspot

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



43, 9.496, 308.474



59, 3.532, 308.044



45, 5.108, 251.447



30, 2.495, 308.075



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 9.496, 308.474



54, 14.359, 308.632



44, 10.721, 323.727



21, 3.983, 308.275



16, 71.609, 311.589



39, 123.067, 310.962

Inverse Universe

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



44, 7.859, 342.887



55, 11.867, 343.166



46, 10.696, 142.409



22, 3.302, 342.533



25, 49.075, 357.284



53, 83.224, 359.652

Previews

White Background



This preview shows how the CIELCh color 43, 9.497, 308.476 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, 9.497, 308.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

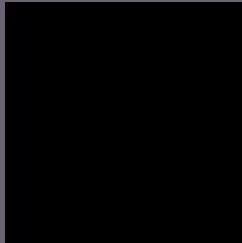
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 9.497, 308.476

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.497, 308.476.



This preview shows how white text looks on a background with the CIELCh color 43, 9.497, 308.476.

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, 9.497, 308.476

Protanopia

43, 8.448, 286.107

Deuteranopia

43, 9.497, 308.476



Tritanopia
43, 5.254, 313.581

Trichromacy



Original Color

43, 9.497, 308.476

Protanomaly

43, 9.056, 293.963

Deuteranomaly

43, 9.497, 308.476

Tritanomaly

43, 6.378, 309.439

Monochromacy



Original Color

43, 9.497, 308.476

Achromatopsia

44, 0.006, 296.813

Achromatomaly

43, 3.829, 309.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.497, 308.476 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, 99, 114)` looks like.

```
.text, #text, p{  
    color:rgb(106, 99, 114)  
}
```

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, 99, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 99, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.497, 308.476 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, 99, 114) }
```

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

```
.border{ border-color:rgb(106, 99, 114) }
```

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

Here you see how a box with a 4 pixel rgb(106, 99, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 99, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 99, 114);  
box-shadow:4px 4px 4px 4px rgb(106, 99,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.497, 308.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 99, 114) }
```

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

```
.background{ background-color: rgb(106, 99,  
114) }
```

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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