

Converting Colors

CIELCh(43, 9.182, 308.188)

Have a look what the booklet for
CIELCh(43, 9.182, 308.188) contains.

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Color

CIELCh(43, 8.925, 309.591)

Conversions

Conversions Part 1

Format	Color
Hex	6A6371
RGB	106, 99, 113
RGB Percent	42%, 39%, 44%
CMY	0.5846, 0.6121, 0.5572
CMYK	0.06, 0.12, 0.00, 0.56
HSL	270°, 7%, 42%
HSV	270°, 12%, 44%
XYZ	13.3641, 13.1578, 17.4334
YIQ	102.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

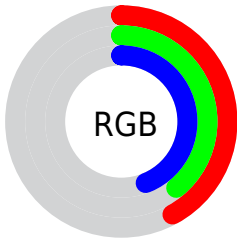
Format	Color
R_{YB}	106, 99, 113
Decimal	6972273
CIE _{Lab}	43.00, 5.69, -6.88
CIE _{LCh}	43, 8.925, 309.591
Yxy	13.1578, 0.3040, 0.2993
Android (android.graphics.Color)	4285162353 (0xFF6A6371)
YUV	102.6890, 5.0833, 2.9037
Hunter-Lab	36.2736, 2.2850, -3.1037

Details

The CIELCh color **43, 8.925, 309.591** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 8.779, 128.552**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 8.835, 308.298**, and **23, 8.464, 309.809** is the 20% darker color. If you saturate the color by 10%, you get **39, 16.335, 310.063**, and if you desaturate by 10%, it is **47, 1.705, 309.119**.

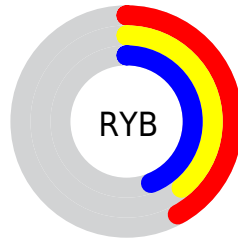
Distribution



Red (42%)

Green (39%)

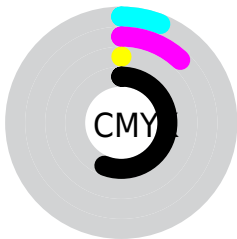
Blue (44%)



Red (42%)

Yellow (39%)

Blue (44%)

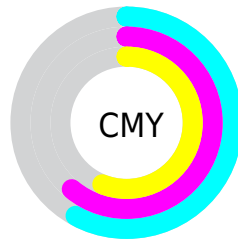


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (61%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.925, 309.591 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, 8.925, 309.591 by changing the saturation by 10% instead.

■ 43, 8.925, 309.591

■ 43, 8.925, 309.591

■ 100, 8.925,
309.591

■ 33, 8.925, 309.591

■ 63, 8.925, 309.591

■ 23, 8.925, 309.591

■ 73, 8.925, 309.591

■ 13, 8.925, 309.591

■ 83, 8.925, 309.591

■ 3, 8.925, 309.591

■ 93, 8.925, 309.591

■ 0, 8.925, 309.591

■ 43, 8.925, 309.591

■ 43, 8.925, 309.591

■ 39, 16.335,
310.063

■ 47, 1.705, 309.119

■ 36, 23.907,

■ 50, 5.309, 128.787

310.565

54, 12.116,
128.426

32, 31.580,
311.082

58, 18.719,
128.110

29, 39.245,
311.590

62, 25.126,
127.832

25, 46.720,
312.049

65, 31.344,
127.588

22, 53.722,
312.402

69, 37.385,
127.375

19, 59.851,
312.566

72, 43.256,
127.190

17, 64.652,
312.449

76, 48.969,
127.030

16, 68.109,
312.396

Harmonies

Complementary

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



43, 8.925, 309.591



47, 8.779, 128.552

Rectangle

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



43, 8.925, 309.591



43, 8.925, 359.591



43, 8.925, 129.591



43, 8.925, 179.591

Sweetspot

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



43, 8.924, 309.589



59, 3.556, 309.210



44, 4.893, 255.178



30, 2.512, 309.239



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, 8.924, 309.589



54, 13.527, 309.729



44, 10.120, 324.613



21, 4.010, 309.434



17, 71.116, 312.323



40, 122.178, 311.691

Inverse Universe

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



43, 7.179, 344.604



55, 10.873, 344.870



46, 10.104, 143.326



22, 3.228, 344.306



25, 48.659, 0.256



53, 82.707, 2.860

Previews

White Background



This preview shows how the CIELCh color 43, 8.925, 309.591 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, 8.925, 309.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

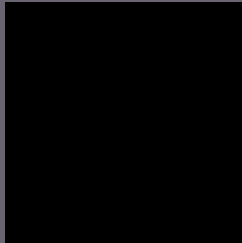
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 8.925, 309.591

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.925, 309.591.



This preview shows how white text looks on a background with the CIELCh color 43, 8.925, 309.591.

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, 8.925, 309.591

Protanopia

43, 7.828, 288.441

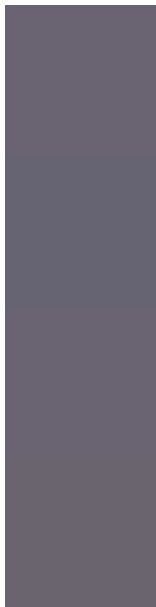
Deuteranopia

43, 8.925, 309.591



Tritanopia
43, 5.254, 313.581

Trichromacy



Original Color
43, 8.925, 309.591

Protanomaly
43, 8.487, 296.722

Deuteranomaly
43, 8.925, 309.591

Tritanomaly
43, 6.378, 309.439

Monochromacy



Original Color
43, 8.925, 309.591

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, 8.925, 309.591 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(106, 99, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 99, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.925, 309.591 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, 113) }
```

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

```
.border{ border-color:rgb(106, 99, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 99, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 99, 113); box-shadow:4px 4px 4px 4px rgb(106, 99, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.925, 309.591 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, 113) }
```

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

```
.background{ background-color: rgb(106, 99,  
113) }
```

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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