

Converting Colors

CIELCh(43, 8.796, 198.371)

Have a look what the booklet for
CIELCh(43, 8.796, 198.371) contains.

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Color

CIELCh(43, 8.936, 198.375)

Conversions

Conversions Part 1

Format	Color
Hex	536A6A
RGB	83, 106, 106
RGB Percent	33%, 42%, 42%
CMY	0.6749, 0.5847, 0.5847
CMYK	0.22, 0.00, 0.00, 0.58
HSL	180°, 12%, 37%
HSV	180°, 22%, 42%
XYZ	11.2962, 13.1578, 15.5500
YIQ	99.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

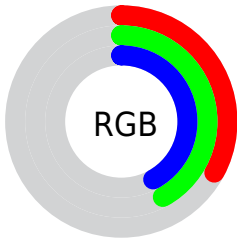
Format	Color
RYB	83, 95, 106
Decimal	5466730
CIELab	43.00, -8.48, -2.82
CIELCh	43, 8.936, 198.375
Yxy	13.1578, 0.2824, 0.3289
Android (android.graphics.Color)	4283656810 (0xFF536A6A)
YUV	99.1230, 3.3904, -14.1399
Hunter-Lab	36.2736, -7.8910, -0.0253

Details

The CIELCh color **43, 8.936, 198.375** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 10.223, 20.870**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 8.833, 198.658**, and **23, 9.046, 197.834** is the 20% darker color. If you saturate the color by 10%, you get **42, 12.620, 197.927**, and if you desaturate by 10%, it is **44, 4.957, 198.873**.

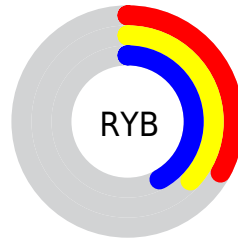
Distribution



Red (33%)

Green (42%)

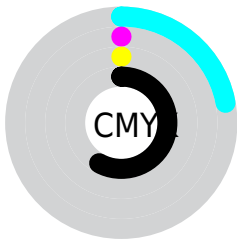
Blue (42%)



Red (33%)

Yellow (37%)

Blue (42%)

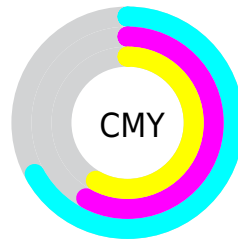


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.936, 198.375 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, 8.936, 198.375 by changing the saturation by 10% instead.

■ 43, 8.936, 198.375

■ 43, 8.936, 198.375

■ 100, 8.936,
198.375

■ 33, 8.936, 198.375

■ 63, 8.936, 198.375

■ 23, 8.936, 198.375

■ 73, 8.936, 198.375

■ 13, 8.936, 198.375

■ 83, 8.936, 198.375

■ 3, 8.936, 198.375

■ 93, 8.936, 198.375

■ 0, 8.936, 198.375

■ 43, 8.936, 198.375

■ 43, 8.936, 198.375

■ 42, 12.620,
197.927

■ 44, 4.957, 198.873

■ 42, 15.946,

■ 45, 0.743, 199.778

197.538

46, 3.649, 19.752

41, 18.855,
197.204

47, 8.169, 20.363

41, 21.299,
196.928

48, 12.773, 20.953

41, 23.244,
196.711

49, 17.428, 21.545

40, 24.679,
196.552

50, 22.103, 22.139

40, 25.623,
196.448

51, 26.777, 22.732

40, 26.258,
196.378

53, 31.433, 23.322

Harmonies

Complementary

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



43, 8.936, 198.375



38, 10.223, 20.870

Rectangle

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



43, 8.936, 198.375



43, 8.936, 248.375



43, 8.936, 18.375



43, 8.936, 68.375

Sweetspot

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



43, 8.936, 198.369



57, 3.713, 199.142



42, 16.850, 142.718



29, 2.393, 199.120



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 8.936, 198.369



55, 13.061, 198.141



40, 8.083, 256.512



22, 2.415, 199.030



44, 28.238, 196.378



88, 48.591, 196.378

Inverse Universe

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



38, 10.223, 20.870



47, 15.461, 21.349



41, 8.580, 71.102



21, 2.547, 19.847



23, 56.951, 37.575



51, 101.389, 39.999

Previews

White Background



This preview shows how the CIELCh color 43, 8.936, 198.375 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, 8.936, 198.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

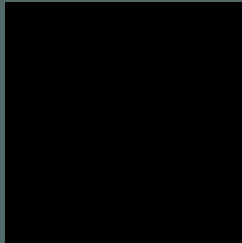
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 8.936, 198.375

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.936, 198.375.



This preview shows how white text looks on a background with the CIELCh color 43, 8.936, 198.375.

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, 8.936, 198.375

Protanopia

43, 1.471, 324.434

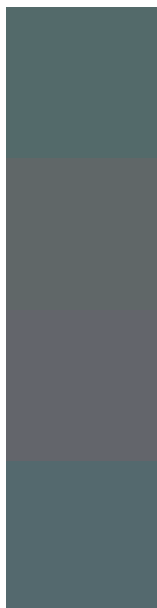
Deuteranopia

43, 6.829, 327.749



Tritanopia
43, 9.147, 230.547

Trichromacy



Original Color
43, 8.936, 198.375

Protanomaly
43, 2.884, 211.240

Deuteranomaly
43, 3.690, 278.120

Tritanomaly
43, 8.499, 219.398

Monochromacy



Original Color
43, 8.936, 198.375

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 3.645, 199.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 8.936, 198.375 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(83, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(83, 106, 106)  
}
```

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(83, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 106, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.936, 198.375 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(83, 106, 106) }
```

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

```
.border{ border-color:rgb(83, 106, 106) }
```

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

Here you see how a box with a 4 pixel rgb(83, 106, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(83, 106,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.936, 198.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 106, 106) }
```

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

```
.background{ background-color: rgb(83, 106,  
106) }
```

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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