

Converting Colors

CIELCh(43, 8.999, 194.520)

Have a look what the booklet for
CIELCh(43, 8.999, 194.520) contains.

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Color

CIELCh(43, 9.009, 194.509)

Conversions

Conversions Part 1

Format	Color
Hex	536A69
RGB	83, 106, 105
RGB Percent	33%, 42%, 41%
CMY	0.6746, 0.5844, 0.5884
CMYK	0.22, 0.00, 0.01, 0.58
HSL	177°, 12%, 37%
HSV	177°, 22%, 42%
XYZ	11.2630, 13.1578, 15.3015
YIQ	99.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

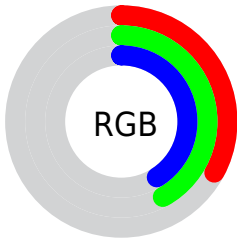
Format	Color
R_{YB}	83, 95, 106
Decimal	5466729
CIE _{Lab}	43.00, -8.72, -2.26
CIE _{LCh}	43, 9.009, 194.509
Yxy	13.1578, 0.2835, 0.3312
Android (android.graphics.Color)	4283656809 (0xFF536A69)
YUV	99.0090, 2.9536, -14.0399
Hunter-Lab	36.2736, -8.0545, 0.3809

Details

The CIELCh color **43, 9.009, 194.509** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 10.193, 17.457**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 8.889, 195.025**, and **23, 9.158, 193.592** is the 20% darker color. If you saturate the color by 10%, you get **42, 12.761, 193.909**, and if you desaturate by 10%, it is **44, 4.982, 195.134**.

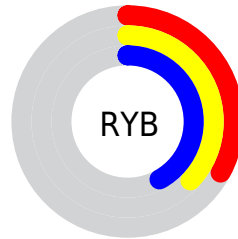
Distribution



Red (33%)

Green (42%)

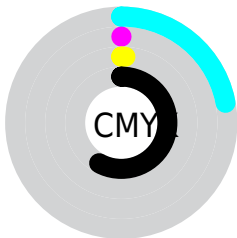
Blue (41%)



Red (33%)

Yellow (37%)

Blue (42%)

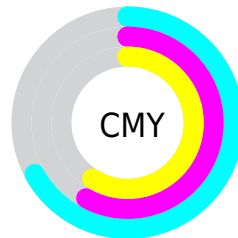


Cyan (22%)

Magenta (0%)

Yellow (1%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.009, 194.509 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, 9.009, 194.509 by changing the saturation by 10% instead.

■ 43, 9.009, 194.509

■ 43, 9.009, 194.509

■ 100, 9.009,
194.509

■ 33, 9.009, 194.509

■ 63, 9.009, 194.509

■ 23, 9.009, 194.509

■ 73, 9.009, 194.509

■ 13, 9.009, 194.509

■ 83, 9.009, 194.509

■ 3, 9.009, 194.509

■ 93, 9.009, 194.509

■ 0, 9.009, 194.509

■ 43, 9.009, 194.509

■ 43, 9.009, 194.509

■ 42, 12.761,
193.909

■ 44, 4.982, 195.134

■ 42, 16.174,

■ 45, 0.739, 196.145

193.337

46, 3.662, 16.212

41, 19.185,
192.785

47, 8.172, 16.898

41, 21.743,
192.249

48, 12.749, 17.551

40, 23.809,
191.723

49, 17.361, 18.198

40, 25.368,
191.200

51, 26.583, 19.472

40, 26.432,
190.669

53, 31.158, 20.097

40, 27.169,
190.237

Harmonies

Complementary

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



43, 9.009, 194.509



38, 10.193, 17.457

Rectangle

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



43, 9.009, 194.509



43, 9.009, 244.509



43, 9.009, 14.509



43, 9.009, 64.509

Sweetspot

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



43, 9.010, 194.503



57, 3.729, 195.452



42, 16.665, 141.878



29, 2.403, 195.427



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, 9.010, 194.503



55, 13.187, 194.202



40, 7.871, 252.630



22, 2.427, 195.321



44, 29.215, 190.169



88, 50.387, 189.816

Inverse Universe

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



38, 10.193, 17.457



47, 15.395, 17.983



41, 8.452, 67.454



21, 2.549, 16.318



23, 55.816, 35.851



51, 99.707, 38.764

Previews

White Background



This preview shows how the CIELCh color 43, 9.009, 194.509 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, 9.009, 194.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

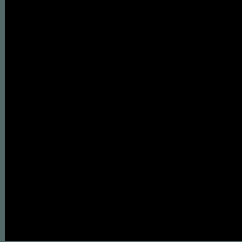
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 9.009, 194.509

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.009, 194.509.



This preview shows how white text looks on a background with the CIELCh color 43, 9.009, 194.509.

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

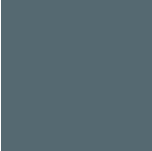
43, 9.009, 194.509

Protanopia

43, 1.032, 343.556

Deuteranopia

43, 7.084, 330.457



Tritanopia
43, 8.848, 231.786

Trichromacy



Original Color
43, 9.009, 194.509

Protanomaly
43, 2.843, 199.175

Deuteranomaly
43, 3.034, 282.963

Tritanomaly
43, 8.499, 219.398

Monochromacy



Original Color
43, 9.009, 194.509

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 3.719, 189.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.009, 194.509 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(83, 106, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 106, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.009, 194.509 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, 105) }
```

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

```
.border{ border-color:rgb(83, 106, 105) }
```

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, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 106, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 106, 105);  
box-shadow:4px 4px 4px 4px rgb(83, 106,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.009, 194.509 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, 105) }
```

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

```
.background{ background-color: rgb(83, 106,  
105) }
```

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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