

Converting Colors

CIELCh(43, 9.992, 210.159)

Have a look what the booklet for
CIELCh(43, 9.992, 210.159) contains.

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Color

CIELCh(43, 9.991, 208.778)

Conversions

Conversions Part 1

Format	Color
Hex	506A6D
RGB	80, 106, 109
RGB Percent	31%, 42%, 43%
CMY	0.6857, 0.5837, 0.5720
CMYK	0.27, 0.03, 0.00, 0.57
HSL	186°, 15%, 37%
HSV	186°, 27%, 43%
XYZ	11.2581, 13.1578, 16.4564
YIQ	98.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

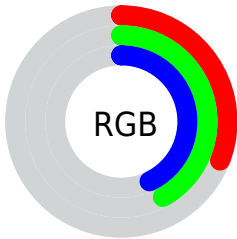
Format	Color
R_{YB}	80, 94, 109
Decimal	5270125
CIE _{Lab}	43.00, -8.76, -4.81
CIE _{LCh}	43, 9.991, 208.778
Yxy	13.1578, 0.2754, 0.3219
Android (android.graphics.Color)	4283460205 (0xFF506A6D)
YUV	98.5680, 5.1430, -16.2841
Hunter-Lab	36.2736, -8.0784, -1.5068

Details

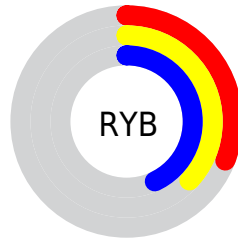
The CIELCh color **43, 9.991, 208.778** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 11.899, 29.829**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 9.895, 208.408**, and **23, 9.987, 209.429** is the 20% darker color. If you saturate the color by 10%, you get **42, 13.246, 208.870**, and if you desaturate by 10%, it is **44, 6.429, 208.799**.

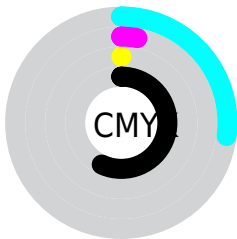
Distribution



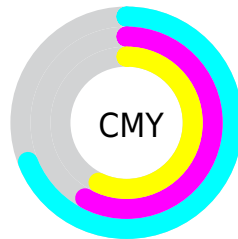
- Red (31%)
- Green (42%)
- Blue (43%)



- Red (31%)
- Yellow (37%)
- Blue (43%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (57%)



- Cyan (69%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.991, 208.778 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, 9.991, 208.778 by changing the saturation by 10% instead.

■ 43, 9.991, 208.778 ■ 43, 9.991, 208.778

■ 100, 9.991,
208.778 ■ 33, 9.991, 208.778

■ 63, 9.991, 208.778 ■ 23, 9.991, 208.778

■ 73, 9.991, 208.778 ■ 13, 9.991, 208.778

■ 83, 9.991, 208.778 ■ 3, 9.991, 208.778

■ 93, 9.991, 208.778 ■ 0, 9.991, 208.778

■ 43, 9.991, 208.778 ■ 43, 9.991, 208.778

■ 42, 13.246,
208.870 ■ 44, 6.429, 208.799

■ 41, 16.135, ■ 45, 2.616, 208.978

209.111

47, 1.393, 28.756

40, 18.601,
209.521

48, 5.552, 29.175

39, 20.601,
210.133

49, 9.822, 29.473

39, 22.104,
210.980

51, 14.168, 29.786

38, 23.107,
212.097

52, 18.563, 30.117

54, 22.985, 30.460

38, 23.716,
213.450

55, 27.417, 30.812

38, 23.917,
213.908

Harmonies

Complementary

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



43, 9.991, 208.778



38, 11.899, 29.829

Rectangle

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



43, 9.991, 208.778



43, 9.991, 258.778



43, 9.991, 28.778



43, 9.991, 78.778

Sweetspot

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



43, 9.991, 208.773



58, 3.954, 208.930



43, 19.841, 145.533



29, 2.782, 208.901



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 9.991, 208.773



55, 14.660, 208.819



39, 11.402, 269.247



22, 2.190, 208.912



40, 25.160, 214.066



80, 43.110, 215.248

Inverse Universe

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



38, 19.823, 328.834



47, 29.707, 329.188



42, 11.726, 82.151



21, 4.105, 327.836



26, 60.232, 332.630



57, 103.173, 332.920

Previews

White Background



This preview shows how the CIE LCh color 43, 9.991, 208.778 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, 9.991, 208.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

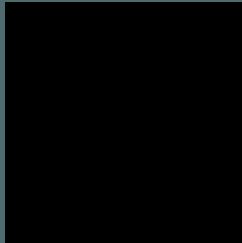
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

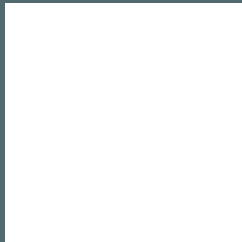
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 9.991, 208.778

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.991, 208.778.



This preview shows how white text looks on a background with the CIELCh color 43, 9.991, 208.778.

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, 9.991, 208.778

Protanopia

43, 3.046, 298.296

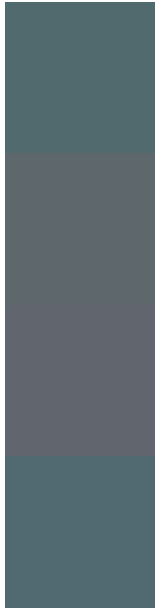
Deuteranopia

43, 8.679, 315.940



Tritanopia
43, 10.298, 230.465

Trichromacy



Original Color

43, 9.991, 208.778

Protanomaly

43, 4.270, 233.505

Deuteranomaly

43, 5.617, 274.603

Tritanomaly

43, 9.835, 224.004

Monochromacy



Original Color

43, 9.991, 208.778

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 4.056, 207.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.991, 208.778 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(80, 106, 109)` looks like.

```
.text, #text, p{  
    color:rgb(80, 106, 109)  
}
```

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(80, 106, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 106, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.991, 208.778 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(80, 106, 109) }
```

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

```
.border{ border-color:rgb(80, 106, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 106, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 106, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 106, 109);  
box-shadow:4px 4px 4px 4px rgb(80, 106,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.991, 208.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 106, 109) }
```

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

```
.background{ background-color: rgb(80, 106,  
109) }
```

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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