

Converting Colors

CIELCh(43, 10.004, 143.720)

Have a look what the booklet for
CIELCh(43, 10.004, 143.720)
contains.

CIELCh(43, 9.558, 143.760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 9.558, 143.760)

Conversions

Conversions Part 1

Format	Color
Hex	5C695C
RGB	92, 105, 92
RGB Percent	36%, 41%, 36%
CMY	0.6391, 0.5881, 0.6391
CMYK	0.12, 0.00, 0.12, 0.59
HSL	120°, 7%, 39%
HSV	120°, 12%, 41%
XYZ	11.4029, 13.1578, 12.0694
YIQ	99.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

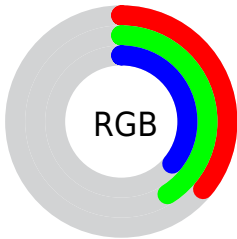
Format	Color
R _Y B	92, 105, 105
Decimal	6056284
CIE Lab	43.00, -7.71, 5.65
CIE LCh	43, 9.558, 143.760
Yxy	13.1578, 0.3113, 0.3592
Android (android.graphics.Color)	4284246364 (0xFF5C695C)
YUV	99.6310, -3.7621, -6.6924
Hunter-Lab	36.2736, -7.3660, 5.6639

Details

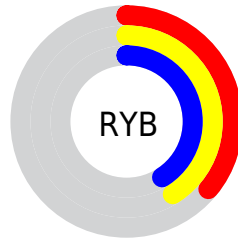
The CIELCh color **43, 9.558, 143.760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 9.571, 325.062**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 9.567, 143.951**, and **23, 9.782, 143.331** is the 20% darker color. If you saturate the color by 10%, you get **42, 17.341, 143.083**, and if you desaturate by 10%, it is **44, 1.821, 144.406**.

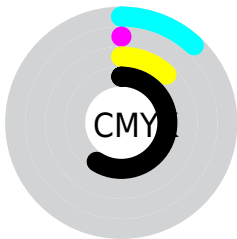
Distribution



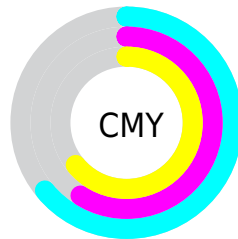
- Red (36%)
- Green (41%)
- Blue (36%)



- Red (36%)
- Yellow (41%)
- Blue (41%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.558, 143.760 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, 9.558, 143.760 by changing the saturation by 10% instead.

■ 43, 9.558, 143.760

■ 43, 9.558, 143.760

■ 100, 9.558,
143.760

■ 33, 9.558, 143.760

■ 63, 9.558, 143.760

■ 23, 9.558, 143.760

■ 73, 9.558, 143.760

■ 13, 9.558, 143.760

■ 83, 9.558, 143.760

■ 3, 9.558, 143.760

■ 93, 9.558, 143.760

■ 0, 9.558, 143.760

■ 43, 9.558, 143.760

■ 43, 9.558, 143.760

■ 42, 17.341,
143.083

■ 44, 1.821, 144.406

■ 41, 25.065,

■ 45, 5.799, 324.780

142.305

47, 13.251,
325.213

40, 32.595,
141.419

48, 20.501,
325.574

40, 39.761,
140.432

50, 27.532,
325.881

39, 46.351,
139.375

51, 34.337,
326.144

39, 52.115,
138.310

53, 40.914,
326.370

38, 56.776,
137.338

55, 47.270,
326.565

38, 60.108,
136.574

56, 53.413,
326.734

38, 62.393,
136.016

Harmonies

Complementary

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



43, 9.558, 143.760



41, 9.571, 325.062

Rectangle

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



43, 9.558, 143.760



43, 9.558, 193.760



43, 9.558, 323.760



43, 9.558, 13.760

Sweetspot

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



43, 9.559, 143.760



57, 3.833, 144.275



44, 7.617, 108.371



29, 2.705, 144.236



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, 9.559, 143.760



55, 14.488, 143.563



43, 6.734, 161.831



22, 4.400, 143.972



42, 67.487, 136.016



85, 116.131, 136.016

Inverse Universe

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



41, 9.571, 325.062



52, 14.503, 325.223



41, 6.829, 343.695



21, 4.407, 324.880



27, 65.115, 328.232



58, 112.048, 328.232

Previews

White Background



This preview shows how the CIELCh color 43, 9.558, 143.760 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, 9.558, 143.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

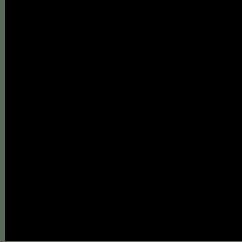
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 9.558, 143.760

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.558, 143.760.

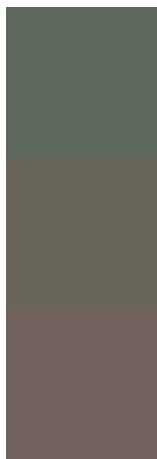


This preview shows how white text looks on a background with the CIELCh color 43, 9.558, 143.760.

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, 9.558, 143.760

Protanopia

43, 6.933, 90.977

Deuteranopia

43, 7.581, 43.346



Tritanopia
43, 6.016, 263.790

Trichromacy



Original Color

43, 9.558, 143.760

Protanomaly

43, 6.605, 112.920

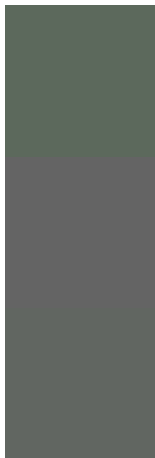
Deuteranomaly

43, 5.244, 85.310

Tritanomaly

43, 3.662, 208.542

Monochromacy



Original Color

43, 9.558, 143.760

Achromatopsia

42, 0.006, 296.813

Achromatomaly

43, 3.674, 144.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.558, 143.760 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(92, 105, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 105, 92)  
}
```

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(92, 105, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 105, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.558, 143.760 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(92, 105, 92) }
```

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

```
.border{ border-color:rgb(92, 105, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 105, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 105, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 105, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 105,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.558, 143.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 105, 92) }
```

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

```
.background{ background-color: rgb(92, 105,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor