

Converting Colors

CIELCh(43, 5.197, 100.656)

Have a look what the booklet for
CIELCh(43, 5.197, 100.656) contains.

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Color

CIELCh(43, 5.450, 100.349)

Conversions

Conversions Part 1

Format	Color
Hex	68665D
RGB	104, 102, 93
RGB Percent	41%, 40%, 36%
CMY	0.5933, 0.6011, 0.6364
CMYK	0.00, 0.02, 0.11, 0.59
HSL	49°, 6%, 39%
HSV	49°, 11%, 41%
XYZ	12.3622, 13.1578, 12.1786
YIQ	101.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

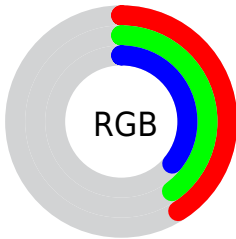
Format	Color
R _Y B	95, 104, 93
Decimal	6841949
CIE Lab	43.00, -0.98, 5.36
CIE LCh	43, 5.450, 100.349
Yxy	13.1578, 0.3279, 0.3490
Android (android.graphics.Color)	4285032029 (0xFF68665D)
YUV	101.5720, -4.2260, 2.1294
Hunter-Lab	36.2736, -2.6455, 5.4853

Details

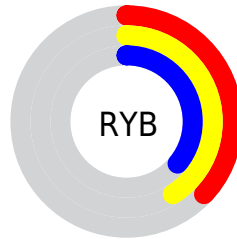
The CIELCh color **43, 5.450, 100.349** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 5.523, 282.680**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 5.616, 101.484**, and **23, 5.393, 98.678** is the 20% darker color. If you saturate the color by 10%, you get **42, 10.626, 99.290**, and if you desaturate by 10%, it is **44, 0.302, 101.124**.

Distribution



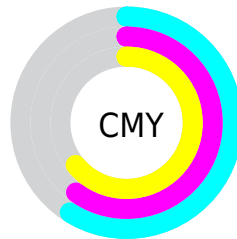
- Red (41%)
- Green (40%)
- Blue (36%)



- Red (37%)
- Yellow (41%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 5.450, 100.349 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, 5.450, 100.349 by changing the saturation by 10% instead.

■ 43, 5.450, 100.349

■ 43, 5.450, 100.349

■ 100, 5.450,
100.349

■ 33, 5.450, 100.349

■ 63, 5.450, 100.349

■ 23, 5.450, 100.349

■ 73, 5.450, 100.349

■ 13, 5.450, 100.349

■ 83, 5.450, 100.349

■ 3, 5.450, 100.349

■ 93, 5.450, 100.349

■ 0, 5.450, 100.349

■ 43, 5.450, 100.349

■ 43, 5.450, 100.349

■ 42, 10.626, 99.290

■ 44, 0.302, 101.124

■ 41, 15.806, 98.190

■ 45, 4.808, 282.457

41, 20.955, 97.070

46, 9.874, 283.421

40, 26.011, 95.937

47, 14.894,
284.351

39, 30.869, 94.799

47, 19.865,
285.240

39, 35.366, 93.658

38, 39.251, 92.507

48, 24.789,
286.087

37, 42.202, 91.328

49, 29.665,
286.891

37, 44.714, 90.256

50, 34.494,
287.652

51, 39.278,
288.373

Harmonies

Complementary

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



43, 5.450, 100.349



40, 5.523, 282.680

Rectangle

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



43, 5.450, 100.349



43, 5.450, 150.349



43, 5.450, 280.349



43, 5.450, 330.349

Sweetspot

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



43, 5.451, 100.361



56, 1.907, 101.110



40, 4.835, 5.391



29, 1.459, 101.049



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, 5.451, 100.361



55, 8.317, 100.068



43, 6.748, 121.880



21, 2.845, 100.538



41, 47.988, 90.088



82, 82.785, 89.191

Inverse Universe

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



40, 5.523, 282.680



51, 8.450, 283.015



40, 6.880, 302.998



19, 2.879, 282.482



14, 63.815, 301.919



34, 116.325, 303.416

Previews

White Background



This preview shows how the CIELCh color 43, 5.450, 100.349 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, 5.450, 100.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

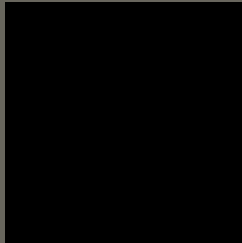
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 5.450, 100.349

Background



This preview shows how black text looks on a background with the CIELCh color 43, 5.450, 100.349.



This preview shows how white text looks on a background with the CIELCh color 43, 5.450, 100.349.

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, 5.450, 100.349

Protanopia

43, 5.655, 91.667

Deuteranopia

43, 7.581, 43.346



Tritanopia
43, 4.901, 320.748

Trichromacy



Original Color
43, 5.450, 100.349

Protanomaly
43, 5.655, 91.667

Deuteranomaly
43, 5.963, 56.831

Tritanomaly
43, 1.774, 359.673

Monochromacy



Original Color
43, 5.450, 100.349

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 1.841, 96.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 5.450, 100.349 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(104, 102, 93)` looks like.

```
.text, #text, p{  
    color:rgb(104, 102, 93)  
}
```

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(104, 102, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 102, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 5.450, 100.349 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(104, 102, 93) }
```

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

```
.border{ border-color:rgb(104, 102, 93) }
```

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

Here you see how a box with a 4 pixel rgb(104, 102, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 102, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 102, 93);  
box-shadow:4px 4px 4px 4px rgb(104, 102,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 5.450, 100.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 102, 93) }
```

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

```
.background{ background-color: rgb(104,  
102, 93) }
```

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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