

Converting Colors

CIELCh(43, 9.831, 103.882)

Have a look what the booklet for
CIELCh(43, 9.831, 103.882) contains.

CIELCh(43, 9.605, 103.532)	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, 9.605, 103.532)

Conversions

Conversions Part 1

Format	Color
Hex	686656
RGB	104, 102, 86
RGB Percent	41%, 40%, 34%
CMY	0.5916, 0.5994, 0.6622
CMYK	0.00, 0.02, 0.17, 0.59
HSL	53°, 9%, 37%
HSV	53°, 17%, 41%
XYZ	12.1774, 13.1578, 10.7321
YIQ	100.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

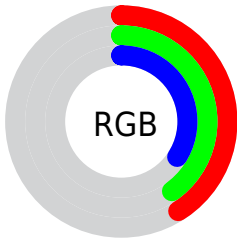
Format	Color
R _Y B	88, 104, 86
Decimal	6841942
CIE Lab	43.00, -2.25, 9.34
CIE LCh	43, 9.605, 103.532
Yxy	13.1578, 0.3376, 0.3648
Android (android.graphics.Color)	4285032022 (0xFF686656)
YUV	100.7740, -7.2836, 2.8292
Hunter-Lab	36.2736, -3.5546, 7.8497

Details

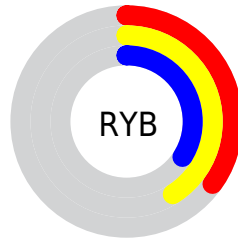
The CIELCh color **43, 9.605, 103.532** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 9.877, 287.187**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 9.489, 104.283**, and **23, 9.318, 101.959** is the 20% darker color. If you saturate the color by 10%, you get **42, 15.151, 102.520**, and if you desaturate by 10%, it is **44, 4.044, 104.532**.

Distribution



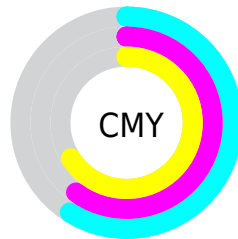
- Red (41%)
- Green (40%)
- Blue (34%)



- Red (35%)
- Yellow (41%)
- Blue (34%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 9.605, 103.532 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, 9.605, 103.532 by changing the saturation by 10% instead.

■ 43, 9.605, 103.532

■ 43, 9.605, 103.532

■ 100, 9.605,
103.532

■ 33, 9.605, 103.532

■ 63, 9.605, 103.532

■ 23, 9.605, 103.532

■ 73, 9.605, 103.532

■ 13, 9.605, 103.532

■ 83, 9.605, 103.532

■ 3, 9.605, 103.532

■ 93, 9.605, 103.532

■ 0, 9.605, 103.532

■ 43, 9.605, 103.532

■ 43, 9.605, 103.532

■ 42, 15.151,
102.520

■ 44, 4.044, 104.532

■ 42, 20.641,

■ 44, 1.511, 285.574

101.492

45, 7.043, 286.486

41, 26.012,
100.466

46, 12.545,
287.395

41, 31.163, 99.456

46, 18.010,
288.268

40, 35.939, 98.475

47, 23.435,
289.103

40, 40.113, 97.538

40, 43.390, 96.653

48, 28.817,
289.897

39, 45.885, 95.818

49, 34.155,
290.651

39, 46.613, 95.598

49, 39.448,
291.364

Harmonies

Complementary

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



43, 9.605, 103.532



38, 9.877, 287.187

Rectangle

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



43, 9.605, 103.532



43, 9.605, 153.532



43, 9.605, 283.532



43, 9.605, 333.532

Sweetspot

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



43, 9.606, 103.539



56, 3.433, 104.738



38, 7.931, 11.247



29, 2.361, 104.689



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, 9.606, 103.539



55, 14.452, 103.103



43, 11.174, 124.072



21, 3.063, 104.375



43, 49.893, 95.509



86, 86.172, 95.015

Inverse Universe

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



38, 9.877, 287.187



47, 14.967, 287.744



38, 11.487, 305.766



19, 3.111, 286.203



13, 68.288, 303.939



32, 123.017, 305.029

Previews

White Background



This preview shows how the CIELCh color 43, 9.605, 103.532 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 CIELCh color 43, 9.605, 103.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

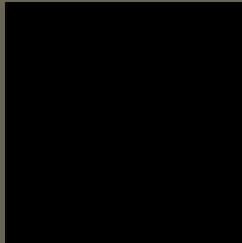
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

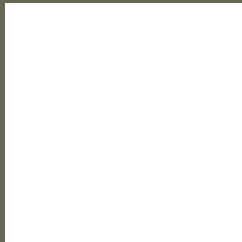
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 9.605, 103.532

Background



This preview shows how black text looks on a background with the CIELCh color 43, 9.605, 103.532.

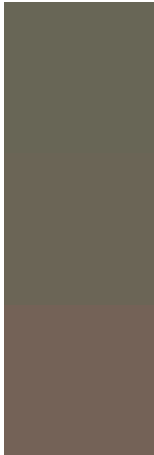


This preview shows how white text looks on a background with the CIELCh color 43, 9.605, 103.532.

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

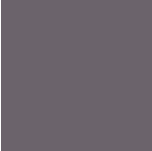
43, 9.605, 103.532

Protanopia

43, 9.360, 92.466

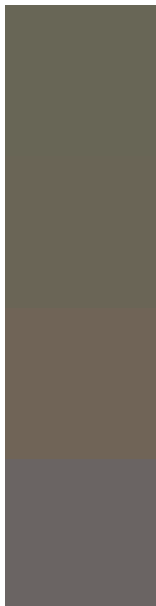
Deuteranopia

43, 10.418, 59.122



Tritanopia
43, 5.855, 324.799

Trichromacy



Original Color
43, 9.605, 103.532

Protanomaly
43, 9.245, 95.099

Deuteranomaly
43, 9.442, 74.882

Tritanomaly
43, 2.587, 32.979

Monochromacy



Original Color
43, 9.605, 103.532

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.024, 101.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 9.605, 103.532 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(104, 102, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 102, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 9.605, 103.532 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, 86) }
```

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

```
.border{ border-color:rgb(104, 102, 86) }
```

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, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 102, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 102, 86);  
box-shadow:4px 4px 4px 4px rgb(104, 102,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 9.605, 103.532 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, 86) }
```

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

```
.background{ background-color: rgb(104,  
102, 86) }
```

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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