

Converting Colors

CIELCh(43, 3.356, 104.197)

Have a look what the booklet for
CIELCh(43, 3.356, 104.197) contains.

CIELCh(43, 3.613, 102.925)	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, 3.613, 102.925)

Conversions

Conversions Part 1

Format	Color
Hex	676660
RGB	103, 102, 96
RGB Percent	40%, 40%, 38%
CMY	0.5971, 0.6010, 0.6246
CMYK	0.00, 0.01, 0.07, 0.60
HSL	51°, 4%, 39%
HSV	51°, 7%, 40%
XYZ	12.3872, 13.1578, 12.8896
YIQ	101.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

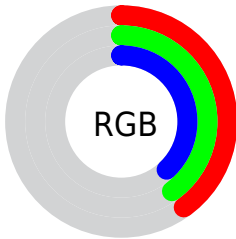
Format	Color
R _Y B	97, 103, 96
Decimal	6776416
CIE Lab	43.00, -0.81, 3.52
CIE LCh	43, 3.613, 102.925
Yxy	13.1578, 0.3223, 0.3423
Android (android.graphics.Color)	4284966496 (0xFF676660)
YUV	101.6150, -2.7682, 1.2146
Hunter-Lab	36.2736, -2.5222, 4.3232

Details

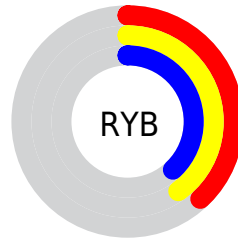
The CIELCh color **43, 3.613, 102.925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 3.657, 284.381**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 3.912, 104.001**, and **23, 3.351, 101.313** is the 20% darker color. If you saturate the color by 10%, you get **42, 8.944, 101.924**, and if you desaturate by 10%, it is **44, 1.698, 284.010**.

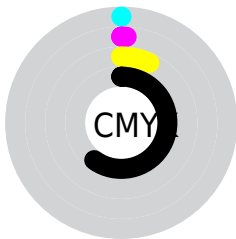
Distribution



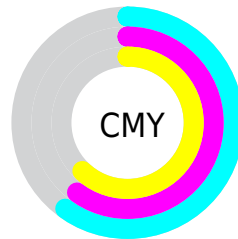
- Red (40%)
- Green (40%)
- Blue (38%)



- Red (38%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 3.613, 102.925 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, 3.613, 102.925 by changing the saturation by 10% instead.

■ 43, 3.613, 102.925

■ 43, 3.613, 102.925

■ 100, 3.613,
102.925

■ 33, 3.613, 102.925

■ 63, 3.613, 102.925

■ 23, 3.613, 102.925

■ 73, 3.613, 102.925

■ 13, 3.613, 102.925

■ 83, 3.613, 102.925

■ 3, 3.613, 102.925

■ 93, 3.613, 102.925

■ 0, 3.613, 102.925

■ 43, 3.613, 102.925

■ 43, 3.613, 102.925

■ 42, 8.944, 101.924

■ 44, 1.698, 284.010

■ 42, 14.272,
100.875

■ 44, 6.979, 284.943

41, 19.564, 99.811

45, 12.223,
285.869

40, 24.764, 98.740

46, 17.427,
286.758

40, 29.781, 97.673

39, 34.470, 96.621

47, 22.587,
287.607

39, 38.614, 95.589

48, 27.703,
288.415

38, 41.920, 94.579

38, 44.454, 93.593

49, 32.774,
289.182

49, 37.800,
289.908

50, 42.782,
290.594

Harmonies

Complementary

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



43, 3.613, 102.925



41, 3.657, 284.381

Rectangle

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



43, 3.613, 102.925



43, 3.613, 152.925



43, 3.613, 282.925



43, 3.613, 332.925

Sweetspot

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



43, 3.614, 102.941



55, 1.303, 103.371



41, 3.020, 7.591



28, 0.734, 103.382



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



43, 3.614, 102.941



55, 5.239, 102.801



43, 4.323, 123.343



21, 2.964, 102.732



42, 48.981, 93.156



84, 84.537, 92.489

Inverse Universe

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



41, 3.657, 284.381



52, 5.309, 284.534



41, 4.381, 303.999



19, 3.006, 284.610



13, 66.416, 303.123



33, 120.329, 304.400

Previews

White Background



This preview shows how the CIELCh color 43, 3.613, 102.925 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, 3.613, 102.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

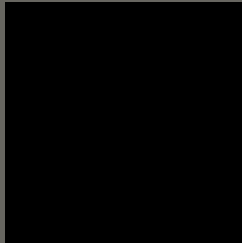
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

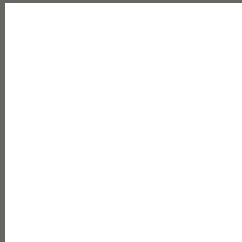
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 3.613, 102.925

Background



This preview shows how black text looks on a background with the CIELCh color 43, 3.613, 102.925.



This preview shows how white text looks on a background with the CIELCh color 43, 3.613, 102.925.

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, 3.613, 102.925

Protanopia

43, 3.969, 84.243

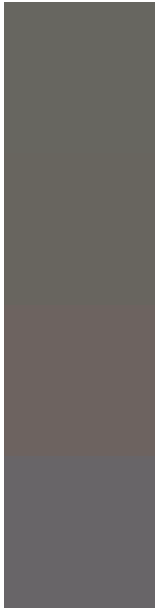
Deuteranopia

43, 6.550, 30.665



Tritanopia
43, 5.108, 309.363

Trichromacy



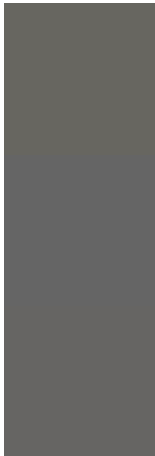
Original Color
43, 3.613, 102.925

Protanomaly
43, 3.807, 90.081

Deuteranomaly
43, 4.628, 42.661

Tritanomaly
43, 2.202, 324.517

Monochromacy



Original Color
43, 3.613, 102.925

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 1.263, 90.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 3.613, 102.925 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(103, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(103, 102, 96)  
}
```

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(103, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 102, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 3.613, 102.925 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(103, 102, 96) }
```

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

```
.border{ border-color:rgb(103, 102, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 102, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(103, 102,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 3.613, 102.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 102, 96) }
```

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

```
.background{ background-color: rgb(103,  
102, 96) }
```

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