

Converting Colors

CIELCh(43, 4.314, 317.263)

Have a look what the booklet for
CIELCh(43, 4.314, 317.263) contains.

CIELCh(43, 4.176, 320.006)	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, 4.176, 320.006)

Conversions

Conversions Part 1

Format	Color
Hex	69646A
RGB	105, 100, 106
RGB Percent	41%, 39%, 42%
CMY	0.5882, 0.6078, 0.5843
CMYK	0.01, 0.06, 0.00, 0.58
HSL	290°, 3%, 40%
HSV	290°, 6%, 42%
XYZ	12.9840, 13.1578, 15.4908
YIQ	102.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

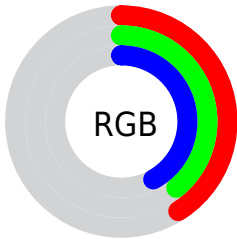
Format	Color
R_{YB}	105, 100, 106
Decimal	6906986
CIE _{Lab}	43.00, 3.20, -2.68
CIE _{LCh}	43, 4.176, 320.006
Yxy	13.1578, 0.3119, 0.3160
Android (android.graphics.Color)	4285097066 (0xFF69646A)
YUV	102.1790, 1.8838, 2.4740
Hunter-Lab	36.2736, 0.4145, 0.0716

Details

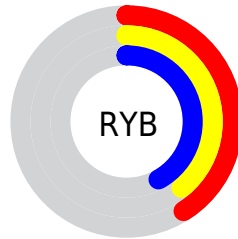
The CIELCh color **43, 4.176, 320.006** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 4.156, 139.583**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 3.886, 319.921**, and **23, 4.624, 320.175** is the 20% darker color. If you saturate the color by 10%, you get **40, 11.636, 320.456**, and if you desaturate by 10%, it is **46, 3.159, 139.661**.

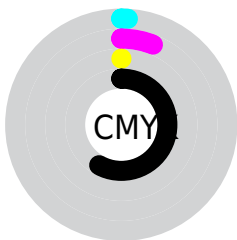
Distribution



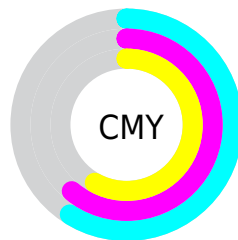
- Red (41%)
- Green (39%)
- Blue (42%)



- Red (41%)
- Yellow (39%)
- Blue (42%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 4.176, 320.006 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, 4.176, 320.006 by changing the saturation by 10% instead.

■ 43, 4.176, 320.006

■ 43, 4.176, 320.006

■ 100, 4.176,
320.006

■ 33, 4.176, 320.006

■ 63, 4.176, 320.006

■ 23, 4.176, 320.006

■ 73, 4.176, 320.006

■ 13, 4.176, 320.006

■ 83, 4.176, 320.006

■ 3, 4.176, 320.006

■ 93, 4.176, 320.006

■ 0, 4.176, 320.006

■ 43, 4.176, 320.006

■ 43, 4.176, 320.006

■ 40, 11.636,
320.456

■ 46, 3.159, 139.661

■ 37, 19.165,

■ 49, 10.328,
139.228

320.891

53, 17.313,
138.841

34, 26.665,
321.311

56, 24.105,
138.481

31, 33.995,
321.699

59, 30.703,
138.146

28, 40.962,
322.033

63, 37.111,
137.837

26, 47.313,
322.283

66, 43.335,
137.553

24, 52.756,
322.418

69, 49.383,
137.292

22, 57.002,
322.404

72, 55.265,
137.054

21, 60.069,
322.247

Harmonies

Complementary

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



43, 4.176, 320.006



44, 4.156, 139.583

Rectangle

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



43, 4.176, 320.006



43, 4.176, 10.006



43, 4.176, 140.006



43, 4.176, 190.006

Sweetspot

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



43, 4.175, 320.005



57, 1.827, 319.794



43, 2.978, 282.025



29, 1.031, 319.778



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, 4.175, 320.005



55, 6.408, 320.077



43, 3.515, 335.272



21, 3.348, 320.076



23, 65.995, 322.124



51, 113.703, 321.783

Inverse Universe

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



43, 2.581, 6.167



54, 3.973, 6.328



44, 3.498, 154.659



21, 2.076, 6.327



23, 52.388, 29.511



51, 93.011, 32.815

Previews

White Background



This preview shows how the CIELCh color 43, 4.176, 320.006 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, 4.176, 320.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

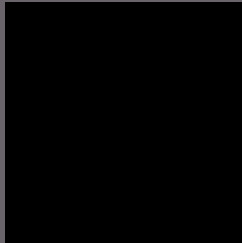
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 4.176, 320.006

Background



This preview shows how black text looks on a background with the CIELCh color 43, 4.176, 320.006.



This preview shows how white text looks on a background with the CIELCh color 43, 4.176, 320.006.

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, 4.176, 320.006

Protanopia

43, 3.643, 297.094

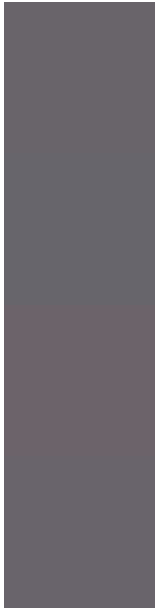
Deuteranopia

43, 5.916, 334.839



Tritanopia
43, 5.254, 313.581

Trichromacy



Original Color

43, 4.176, 320.006

Protanomaly

43, 3.715, 303.326

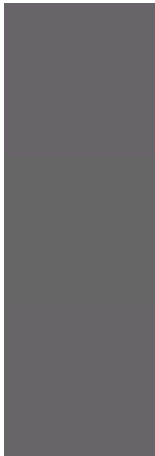
Deuteranomaly

43, 5.635, 331.778

Tritanomaly

43, 4.707, 316.416

Monochromacy



Original Color

43, 4.176, 320.006

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.471, 324.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 4.176, 320.006 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(105, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(105, 100, 106)  
}
```

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(105, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 100, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 4.176, 320.006 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(105, 100, 106) }
```

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

```
.border{ border-color:rgb(105, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(105, 100,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 4.176, 320.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 100, 106) }
```

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

```
.background{ background-color: rgb(105,  
100, 106) }
```

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