

Converting Colors

CIELCh(43, 7.949, 306.873)

Have a look what the booklet for
CIELCh(43, 7.949, 306.873) contains.

CIELCh(43, 8.231, 308.222)	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, 8.231, 308.222)

Conversions

Conversions Part 1

Format	Color
Hex	696370
RGB	105, 99, 112
RGB Percent	41%, 39%, 44%
CMY	0.5873, 0.6109, 0.5599
CMYK	0.06, 0.12, 0.00, 0.56
HSL	268°, 6%, 41%
HSV	268°, 12%, 44%
XYZ	13.2725, 13.1578, 17.2361
YIQ	102.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

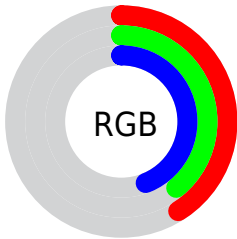
Format	Color
R_{YB}	105, 99, 112
Decimal	6906736
CIE Lab	43.00, 5.09, -6.47
CIE LCh	43, 8.231, 308.222
Yxy	13.1578, 0.3040, 0.3013
Android (android.graphics.Color)	4285096816 (0xFF696370)
YUV	102.2760, 4.7939, 2.3889
Hunter-Lab	36.2736, 1.8342, -2.7812

Details

The CIELCh color $43, 8.231, 308.222$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 8.093, 127.217$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 8.190, 306.930$, and $23, 7.701, 308.186$ is the 20% darker color. If you saturate the color by 10%, you get $39, 15.546, 308.716$, and if you desaturate by 10%, it is $47, 1.116, 307.718$.

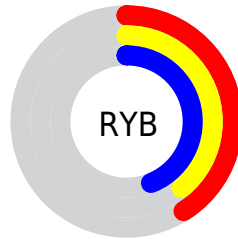
Distribution



Red (41%)

Green (39%)

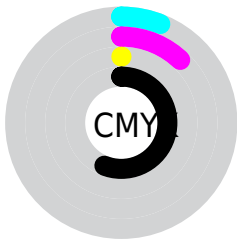
Blue (44%)



Red (41%)

Yellow (39%)

Blue (44%)

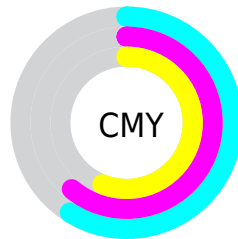


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (56%)



Cyan (59%)

Magenta (61%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 8.231, 308.222 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, 8.231, 308.222 by changing the saturation by 10% instead.

■ 43, 8.231, 308.222

■ 43, 8.231, 308.222

■ 100, 8.231,
308.222

■ 33, 8.231, 308.222

■ 63, 8.231, 308.222

■ 23, 8.231, 308.222

■ 73, 8.231, 308.222

■ 13, 8.231, 308.222

■ 83, 8.231, 308.222

■ 3, 8.231, 308.222

■ 93, 8.231, 308.222

■ 0, 8.231, 308.222

■ 43, 8.231, 308.222

■ 43, 8.231, 308.222

■ 39, 15.546,
308.716

■ 47, 1.116, 307.718

■ 36, 23.040,

■ 50, 5.788, 127.388

309.247

54, 12.482,
127.023

32, 30.663,
309.804

58, 18.973,
126.703

28, 38.321,
310.364

62, 25.268,
126.423

25, 45.849,
310.890

65, 31.378,
126.179

22, 52.981,
311.323

69, 37.311,
125.966

19, 59.323,
311.580

72, 43.078,
125.783

17, 64.385,
311.556

76, 48.689,
125.625

15, 68.348,
311.561

Harmonies

Complementary

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



43, 8.231, 308.222



46, 8.093, 127.217

Rectangle

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



43, 8.231, 308.222



43, 8.231, 358.222



43, 8.231, 128.222



43, 8.231, 178.222

Sweetspot

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



43, 8.230, 308.220



59, 2.607, 307.812



45, 4.448, 251.242



30, 1.992, 307.848



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 8.230, 308.220



54, 12.340, 308.354



44, 9.313, 323.647



21, 3.979, 308.097



16, 71.685, 311.481



38, 123.202, 310.855

Inverse Universe

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



43, 6.846, 342.486



55, 10.253, 342.720



46, 9.292, 142.505



22, 3.313, 342.269



25, 49.152, 356.837



54, 83.329, 359.168

Previews

White Background



This preview shows how the CIELCh color 43, 8.231, 308.222 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, 8.231, 308.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

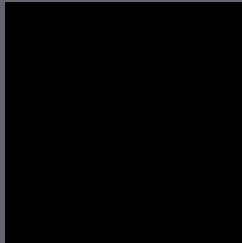
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 8.231, 308.222

Background



This preview shows how black text looks on a background with the CIELCh color 43, 8.231, 308.222.



This preview shows how white text looks on a background with the CIELCh color 43, 8.231, 308.222.

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, 8.231, 308.222

Protanopia

43, 7.227, 288.105

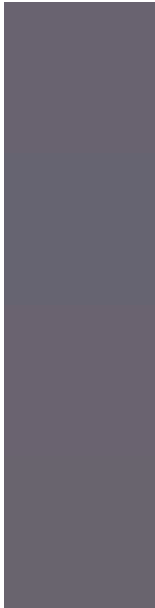
Deuteranopia

43, 8.358, 310.870



Tritanopia
43, 5.254, 313.581

Trichromacy



Original Color

43, 8.231, 308.222

Protanomaly

43, 7.888, 297.066

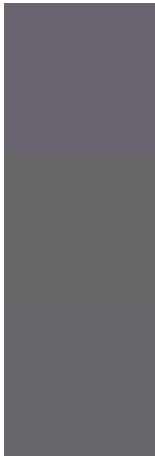
Deuteranomaly

43, 8.358, 310.870

Tritanomaly

43, 6.378, 309.439

Monochromacy



Original Color

43, 8.231, 308.222

Achromatopsia

44, 0.006, 296.813

Achromatomaly

43, 2.552, 309.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 8.231, 308.222 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, 99, 112)` looks like.

```
.text, #text, p{  
    color:rgb(105, 99, 112)  
}
```

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, 99, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 99, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 8.231, 308.222 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, 99, 112) }
```

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

```
.border{ border-color:rgb(105, 99, 112) }
```

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

Here you see how a box with a 4 pixel rgb(105, 99, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 99, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 99, 112);  
box-shadow:4px 4px 4px 4px rgb(105, 99,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 8.231, 308.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 99, 112) }
```

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

```
.background{ background-color: rgb(105, 99,  
112) }
```

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