

Converting Colors

CIELCh(43, 50.068, 307.023)

Have a look what the booklet for
CIELCh(43, 50.068, 307.023)
contains.

CIELCh(43, 50.068, 307.023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 50.068, 307.023)

Conversions

Conversions Part 1

Format	Color
Hex	7356A8
RGB	115, 86, 168
RGB Percent	45%, 34%, 66%
CMY	0.5485, 0.6623, 0.3407
CMYK	0.32, 0.49, 0.00, 0.34
HSL	261°, 32%, 50%
HSV	261°, 49%, 66%
XYZ	17.5018, 13.1578, 38.7224
YIQ	104.0190, -9.0380, 31.6500

Conversions

Conversions Part 2

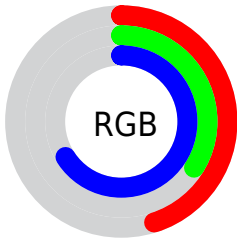
Format	Color
R _Y B	115, 86, 168
Decimal	7558824
CIE Lab	43.00, 30.15, -39.97
CIE LCh	43, 50.068, 307.023
Yxy	13.1578, 0.2523, 0.1896
Android (android.graphics.Color)	4285748904 (0xFF7356A8)
YUV	104.0190, 31.5426, 9.6303
Hunter-Lab	36.2736, 22.6464, -37.9010

Details

The CIELCh color `43, 50.068, 307.023` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `65, 45.456, 121.288`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `63, 50.484, 307.030`, and `23, 50.205, 307.186` is the 20% darker color. If you saturate the color by 10%, you get `38, 60.805, 307.799`, and if you desaturate by 10%, it is `48, 39.318, 306.254`.

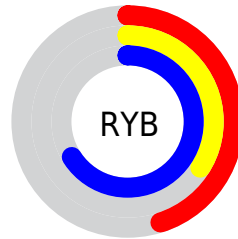
Distribution



Red (45%)

Green (34%)

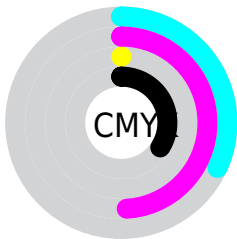
Blue (66%)



Red (45%)

Yellow (34%)

Blue (66%)

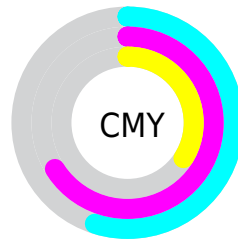


Cyan (32%)

Magenta (49%)

Yellow (0%)

Black (34%)



Cyan (55%)


Magenta (66%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 50.068, 307.023 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, 50.068, 307.023 by changing the saturation by 10% instead.


 43, 50.068,
307.023


 43, 50.068,
307.023


 100, 50.068,
307.023


 33, 50.068,
307.023

 63, 50.068,
307.023


 23, 50.068,
307.023

 73, 50.068,
307.023

 13, 50.068,
307.023

 83, 50.068,
307.023

 3, 50.068, 307.023

 93, 50.068,
307.023

 0, 50.068, 307.023

 43, 50.068,

 43, 50.068,

307.023

307.023

■ 38, 60.805,
307.799

■ 48, 39.318,
306.254

■ 33, 71.171,
308.513

■ 54, 28.751,
305.528

■ 29, 80.563,
309.059

■ 59, 18.463,
304.864

■ 26, 88.129,
309.291

■ 64, 8.492, 304.265

■ 23, 93.424,
309.166

■ 70, 1.150, 123.797

■ 23, 94.054,
309.164

■ 75, 10.469,
123.288

■ 80, 19.477,
122.882

■ 85, 28.189,
122.532

■ 91, 36.621,
122.229

Harmonies

Complementary

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



43, 50.068, 307.023



65, 45.456, 121.288

Rectangle

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



43, 50.068, 307.023



43, 50.068, 357.023



43, 50.068, 127.023



43, 50.068, 177.023

Sweetspot

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



43, 50.067, 307.023



78, 18.201, 304.646



55, 22.790, 244.986



39, 12.440, 304.770



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



43, 50.067, 307.023



49, 75.806, 307.897



48, 52.866, 322.400



33, 5.483, 304.294



20, 85.493, 309.271



1, 9.792, 301.967

Inverse Universe

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



48, 42.931, 340.592



58, 62.686, 341.854



63, 52.236, 137.279



33, 5.014, 337.163



32, 59.771, 348.546



2, 8.584, 340.129

Previews

White Background



This preview shows how the CIELCh color 43, 50.068, 307.023 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, 50.068, 307.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

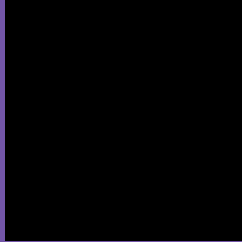
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 50.068, 307.023

Background



This preview shows how black text looks on a background with the CIELCh color 43, 50.068, 307.023.



This preview shows how white text looks on a background with the CIELCh color 43, 50.068, 307.023.

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, 50.068, 307.023

Protanopia

43, 48.819, 286.422

Deuteranopia

43, 38.580, 279.854



Tritanopia
43, 4.990, 304.940

Trichromacy



Original Color
43, 50.068, 307.023

Protanomaly
43, 49.222, 293.297

Deuteranomaly
43, 42.113, 290.813

Tritanomaly
43, 21.685, 304.987

Monochromacy



Original Color
43, 50.068, 307.023

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 18.624, 305.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 50.068, 307.023 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(115, 86, 168)` looks like.

```
.text, #text, p{  
    color:rgb(115, 86, 168)  
}
```

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(115, 86, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 86, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 50.068, 307.023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

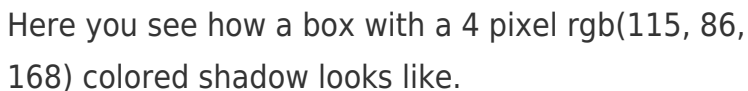
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 86, 168) }
```

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

```
.border{ border-color:rgb(115, 86, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 86, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 86, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 86, 168); box-shadow:4px 4px 4px 4px rgb(115, 86, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 50.068, 307.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 86, 168) }
```

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

```
.background{ background-color: rgb(115, 86,  
168) }
```

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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