

Converting Colors

CIELCh(43, 15.462, 297.878)

Have a look what the booklet for
CIELCh(43, 15.462, 297.878)
contains.

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Color

CIELCh(43, 15.171, 298.048)

Conversions

Conversions Part 1

Format	Color
Hex	67637C
RGB	103, 99, 124
RGB Percent	40%, 39%, 49%
CMY	0.5976, 0.6132, 0.5153
CMYK	0.17, 0.20, 0.00, 0.52
HSL	250°, 11%, 44%
HSV	250°, 20%, 48%
XYZ	13.5883, 13.1578, 20.7610
YIQ	103.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

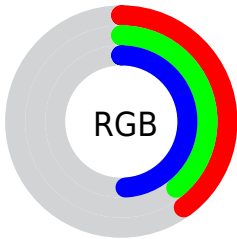
Format	Color
RYB	103, 99, 124
Decimal	6775676
CIELab	43.00, 7.13, -13.39
CIELCh	43, 15.171, 298.048
Yxy	13.1578, 0.2860, 0.2770
Android (android.graphics.Color)	4284965756 (0xFF67637C)
YUV	103.0460, 10.3303, -0.0403
Hunter-Lab	36.2736, 3.3880, -8.5427

Details

The CIELCh color $43, 15.171, 298.048$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 14.537, 115.024$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 15.215, 297.223$, and $23, 14.759, 297.945$ is the 20% darker color. If you saturate the color by 10%, you get $39, 23.108, 299.025$, and if you desaturate by 10%, it is $47, 7.524, 297.194$.

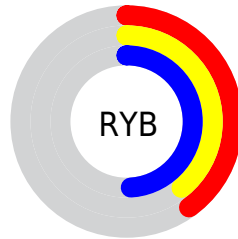
Distribution



Red (40%)

Green (39%)

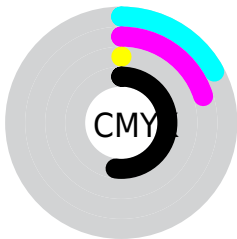
Blue (49%)



Red (40%)

Yellow (39%)

Blue (49%)

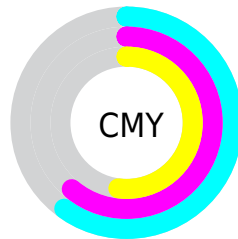


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (60%)


Magenta (61%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.171, 298.048 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, 15.171, 298.048 by changing the saturation by 10% instead.


 43, 15.171,
298.048


 43, 15.171,
298.048


 100, 15.171,
298.048


 33, 15.171,
298.048

 63, 15.171,
298.048


 23, 15.171,
298.048

 73, 15.171,
298.048

 13, 15.171,
298.048


 83, 15.171,
298.048

 3, 15.171, 298.048

 93, 15.171,
298.048

 0, 15.171, 298.048

 43, 15.171,

 43, 15.171,

298.048

39, 23.108,
299.025

34, 31.336,
300.136

30, 39.821,
301.375

26, 48.465,
302.714

22, 57.031,
304.082

18, 65.047,
305.350

15, 71.724,
306.317

13, 77.211,
307.161

298.048

47, 7.524, 297.194

52, 0.159, 296.472

56, 6.940, 115.817

60, 13.790,
115.266

65, 20.407,
114.790

69, 26.805,
114.379

73, 33.000,
114.024

77, 39.004,
113.716

81, 44.829,

Harmonies

Complementary

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



43, 15.171, 298.048



51, 14.537, 115.024

Rectangle

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



43, 15.171, 298.048



43, 15.171, 348.048



43, 15.171, 118.048



43, 15.171, 168.048

Sweetspot

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



43, 15.170, 298.047



63, 5.441, 296.881



49, 8.283, 214.103



33, 3.640, 296.919



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 15.170, 298.047



53, 22.507, 298.458



44, 16.333, 314.945



23, 4.108, 297.104



13, 77.823, 307.154



33, 131.614, 306.848

Inverse Universe

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



45, 16.051, 330.332



56, 23.635, 330.597



50, 16.050, 133.278



24, 4.415, 329.657



28, 60.377, 335.519



58, 100.992, 335.983

Previews

White Background



This preview shows how the CIELCh color 43, 15.171, 298.048 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, 15.171, 298.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

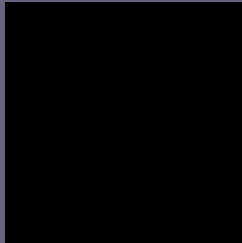
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 15.171, 298.048

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.171, 298.048.



This preview shows how white text looks on a background with the CIELCh color 43, 15.171, 298.048.

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, 15.171, 298.048

Protanopia

43, 14.509, 284.903

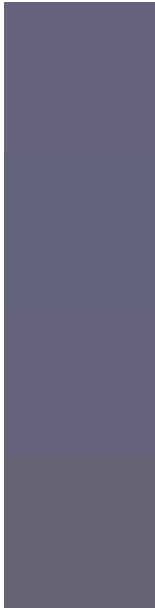
Deuteranopia

43, 14.488, 293.749



Tritanopia
43, 4.828, 286.133

Trichromacy



Original Color
43, 15.171, 298.048

Protanomaly
43, 14.459, 289.286

Deuteranomaly
43, 14.507, 295.240

Tritanomaly
43, 8.455, 294.065

Monochromacy



Original Color
43, 15.171, 298.048

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 5.489, 299.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.171, 298.048 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, 99, 124)` looks like.

```
.text, #text, p{  
    color:rgb(103, 99, 124)  
}
```

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, 99, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 99, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.171, 298.048 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, 99, 124) }
```

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

```
.border{ border-color:rgb(103, 99, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 99, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 99, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 99, 124);  
box-shadow:4px 4px 4px 4px rgb(103, 99,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.171, 298.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 99, 124) }
```

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

```
.background{ background-color: rgb(103, 99,  
124) }
```

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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