

Converting Colors

CIELCh(43, 16.067, 315.650)

Have a look what the booklet for
CIELCh(43, 16.067, 315.650)
contains.

CIELCh(43, 15.831, 315.472)	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, 15.831, 315.472)

Conversions

Conversions Part 1

Format	Color
Hex	706078
RGB	112, 96, 120
RGB Percent	44%, 38%, 47%
CMY	0.5609, 0.6236, 0.5295
CMYK	0.07, 0.20, 0.00, 0.53
HSL	280°, 11%, 42%
HSV	280°, 20%, 47%
XYZ	14.2461, 13.1578, 19.5477
YIQ	103.5200, 1.8320, 10.8560

Conversions

Conversions Part 2

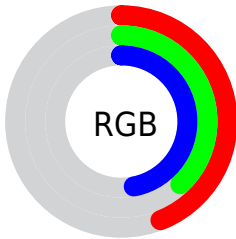
Format	Color
R _Y B	112, 96, 120
Decimal	7364728
CIE Lab	43.00, 11.29, -11.10
CIE LCh	43, 15.831, 315.472
Yxy	13.1578, 0.3034, 0.2802
Android (android.graphics.Color)	4285554808 (0xFF706078)
YUV	103.5200, 8.1246, 7.4370
Hunter-Lab	36.2736, 6.6250, -6.5595

Details

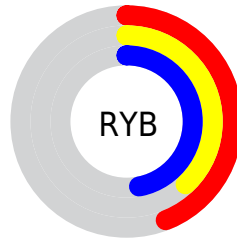
The CIELCh color $43, 15.831, 315.472$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 15.574, 133.825$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 15.419, 315.689$, and $23, 15.869, 314.860$ is the 20% darker color. If you saturate the color by 10%, you get $39, 23.931, 315.896$, and if you desaturate by 10%, it is $47, 7.837, 315.050$.

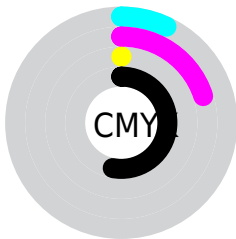
Distribution



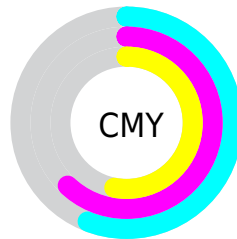
- Red (44%)
- Green (38%)
- Blue (47%)



- Red (44%)
- Yellow (38%)
- Blue (47%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)





- Cyan (56%)
- Magenta (62%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.831, 315.472 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, 15.831, 315.472 by changing the saturation by 10% instead.


 43, 15.831,
315.472


 43, 15.831,
315.472


 100, 15.831,
315.472


 33, 15.831,
315.472

 63, 15.831,
315.472


 23, 15.831,
315.472

 73, 15.831,
315.472

 13, 15.831,
315.472


 83, 15.831,
315.472

 3, 15.831, 315.472

 93, 15.831,
315.472

 0, 15.831, 315.472

 43, 15.831,

 43, 15.831,

315.472

39, 23.931,
315.896

36, 32.051,
316.311

32, 40.043,
316.693

29, 47.690,
317.008

26, 54.690,
317.210

24, 60.664,
317.240

22, 65.215,
317.033

20, 68.837,
316.706

315.472

47, 7.837, 315.050

50, 0.009, 301.384

54, 7.627, 134.316

58, 15.057,
133.966

62, 22.276,
133.651

65, 29.289,
133.366

69, 36.100,
133.110

73, 42.719,
132.881

77, 49.155,

Harmonies

Complementary

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



43, 15.831, 315.472



49, 15.574, 133.825

Rectangle

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



43, 15.831, 315.472



43, 15.831, 5.472



43, 15.831, 135.472



43, 15.831, 185.472

Sweetspot

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



43, 15.830, 315.471



61, 5.792, 314.886



44, 9.793, 272.499



32, 3.874, 314.907



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 15.830, 315.471



53, 23.586, 315.666



44, 15.607, 329.983



24, 4.482, 315.012



21, 70.896, 316.665



46, 119.745, 316.139

Inverse Universe

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



43, 11.155, 355.582



54, 16.668, 356.105



48, 15.567, 147.558



24, 3.134, 354.440



25, 50.561, 15.988



53, 86.220, 19.239

Previews

White Background



This preview shows how the CIELCh color 43, 15.831, 315.472 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, 15.831, 315.472 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, 15.831, 315.472

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.831, 315.472.



This preview shows how white text looks on a background with the CIELCh color 43, 15.831, 315.472.

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, 15.831, 315.472

Protanopia

43, 13.285, 285.593

Deuteranopia

43, 12.187, 299.193



Tritanopia
43, 6.931, 336.362

Trichromacy



Original Color
43, 15.831, 315.472

Protanomaly
43, 13.937, 296.863

Deuteranomaly
43, 13.092, 305.717

Tritanomaly
43, 10.207, 325.079

Monochromacy



Original Color
43, 15.831, 315.472

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 5.968, 314.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.831, 315.472 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(112, 96, 120)` looks like.

```
.text, #text, p{  
    color:rgb(112, 96, 120)  
}
```

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(112, 96, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 96, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.831, 315.472 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(112, 96, 120) }
```

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

```
.border{ border-color:rgb(112, 96, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 96, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 96, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 96, 120);  
box-shadow:4px 4px 4px 4px rgb(112, 96,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.831, 315.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 96, 120) }
```

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

```
.background{ background-color: rgb(112, 96,  
120) }
```

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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