

Converting Colors

CIELCh(43, 19.020, 355.827)

Have a look what the booklet for
CIELCh(43, 19.020, 355.827)
contains.

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Color

CIELCh(43, 19.119, 356.414)

Conversions

Conversions Part 1

Format	Color
Hex	835A68
RGB	131, 90, 104
RGB Percent	51%, 35%, 41%
CMY	0.4860, 0.6468, 0.5919
CMYK	0.00, 0.31, 0.21, 0.49
HSL	340°, 19%, 43%
HSV	340°, 31%, 51%
XYZ	15.5377, 13.1578, 14.8378
YIQ	103.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

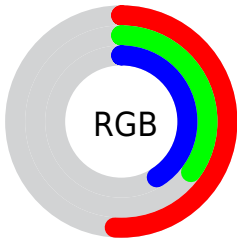
Format	Color
R_{YB}	131, 90, 104
Decimal	8608360
CIE Lab	43.00, 19.08, -1.20
CIE LCh	43, 19.119, 356.414
Yxy	13.1578, 0.3569, 0.3022
Android (android.graphics.Color)	4286798440 (0xFF835A68)
YUV	103.8550, 0.0715, 23.8062
Hunter-Lab	36.2736, 12.9808, 1.1389

Details

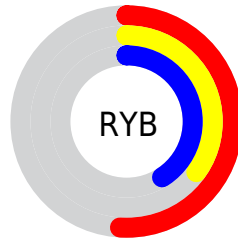
The CIELCh color $43, 19.119, 356.414$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 17.718, 170.179$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 19.476, 356.184$, and $23, 18.996, 357.434$ is the 20% darker color. If you saturate the color by 10%, you get $40, 25.417, 357.840$, and if you desaturate by 10%, it is $47, 12.840, 355.202$.

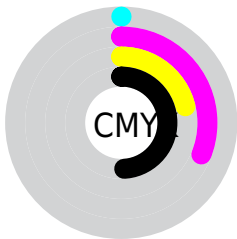
Distribution



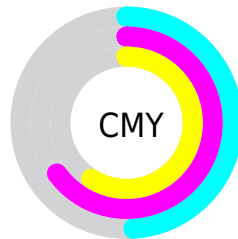
- Red (51%)
- Green (35%)
- Blue (41%)



- Red (51%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (49%)





- Cyan (49%)
- Magenta (65%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 19.119, 356.414 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, 19.119, 356.414 by changing the saturation by 10% instead.


 43, 19.119,
356.414


 43, 19.119,
356.414


 100, 19.119,
356.414


 33, 19.119,
356.414


 63, 19.119,
356.414


 23, 19.119,
356.414

 73, 19.119,
356.414

 13, 19.119,
356.414


 83, 19.119,
356.414

 3, 19.119, 356.414

 93, 19.119,
356.414

 0, 19.119, 356.414

 43, 19.119,

 43, 19.119,

356.414

356.414

40, 25.417,
357.840

47, 12.840,
355.202

36, 31.570,
359.547

50, 6.696, 354.134

33, 37.343, 1.639

54, 0.749, 352.815

31, 42.462, 4.246

58, 4.970, 172.520

29, 46.673, 7.526

62, 10.452,
171.749

28, 49.846, 11.626

66, 15.702,
171.072

27, 52.259, 15.533

70, 20.731,
170.459

74, 25.553,
169.897

78, 30.187,

Harmonies

Complementary

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



43, 19.119, 356.414



52, 17.718, 170.179

Rectangle

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



43, 19.119, 356.414



43, 19.119, 46.414



43, 19.119, 176.414



43, 19.119, 226.414

Sweetspot

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



43, 19.117, 356.417



66, 6.610, 353.923



42, 26.768, 315.428



34, 4.640, 354.053



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 19.117, 356.417



52, 29.019, 357.475



44, 16.036, 34.367



26, 3.367, 353.916



27, 51.954, 15.486



0, 0.794, 353.152

Inverse Universe

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



43, 19.117, 356.417



52, 29.019, 357.475



50, 12.950, 214.429



26, 3.367, 353.916



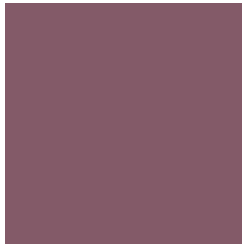
27, 51.954, 15.486



0, 0.794, 353.152

Previews

White Background



This preview shows how the CIE LCh color 43, 19.119, 356.414 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, 19.119, 356.414 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, 19.119, 356.414

Background



This preview shows how black text looks on a background with the CIELCh color 43, 19.119, 356.414.



This preview shows how white text looks on a background with the CIELCh color 43, 19.119, 356.414.

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, 19.119, 356.414

Protanopia

43, 6.021, 291.055

Deuteranopia

43, 5.568, 354.606



Tritanopia
43, 17.275, 7.981

Trichromacy



Original Color
43, 19.119, 356.414

Protanomaly
43, 9.070, 333.793

Deuteranomaly
43, 10.159, 356.462

Tritanomaly
43, 17.475, 4.132

Monochromacy



Original Color
43, 19.119, 356.414

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 6.956, 354.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 19.119, 356.414 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(131, 90, 104)` looks like.

```
.text, #text, p{  
    color:rgb(131, 90, 104)  
}
```

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(131, 90, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 90, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 19.119, 356.414 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(131, 90, 104) }
```

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

```
.border{ border-color:rgb(131, 90, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 90, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 90, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 90, 104);  
box-shadow:4px 4px 4px 4px rgb(131, 90,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 19.119, 356.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 90, 104) }
```

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

```
.background{ background-color: rgb(131, 90,  
104) }
```

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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