

Converting Colors

CIELCh(43, 17.820, 357.619)

Have a look what the booklet for
CIELCh(43, 17.820, 357.619)
contains.

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Color

CIELCh(43, 17.539, 357.938)

Conversions

Conversions Part 1

Format	Color
Hex	815B67
RGB	129, 91, 103
RGB Percent	51%, 36%, 40%
CMY	0.4937, 0.6427, 0.5957
CMYK	0.00, 0.29, 0.20, 0.49
HSL	341°, 17%, 43%
HSV	341°, 29%, 51%
XYZ	15.2742, 13.1578, 14.5949
YIQ	103.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

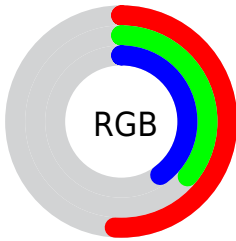
Format	Color
R_{YB}	129, 91, 103
Decimal	8477543
CIE _{Lab}	43.00, 17.53, -0.63
CIE _{LCh}	43, 17.539, 357.938
Yxy	13.1578, 0.3550, 0.3058
Android (android.graphics.Color)	4286667623 (0xFF815B67)
YUV	103.7300, -0.3599, 22.1618
Hunter-Lab	36.2736, 11.6845, 1.5359

Details

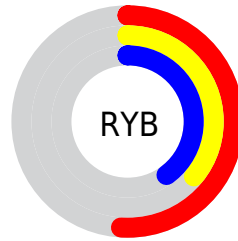
The CIELCh color $43, 17.539, 357.938$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 16.210, 172.107$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 17.983, 357.651$, and $23, 17.336, 358.966$ is the 20% darker color. If you saturate the color by 10%, you get $40, 23.736, 359.351$, and if you desaturate by 10%, it is $47, 11.407, 356.738$.

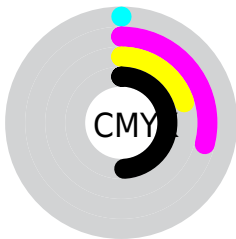
Distribution



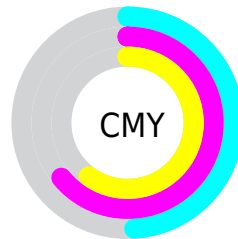
- Red (51%)
- Green (36%)
- Blue (40%)



- Red (51%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (49%)




- Cyan (49%)
- Magenta (64%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 17.539, 357.938 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, 17.539, 357.938 by changing the saturation by 10% instead.


 43, 17.539,
357.938


 43, 17.539,
357.938


 100, 17.539,
357.938


 33, 17.539,
357.938

 63, 17.539,
357.938


 23, 17.539,
357.938

 73, 17.539,
357.938

 13, 17.539,
357.938


 83, 17.539,
357.938

 3, 17.539, 357.938

 93, 17.539,
357.938

 0, 17.539, 357.938

 43, 17.539,

 43, 17.539,

357.938

357.938

40, 23.736,
359.351

47, 11.407,
356.738

36, 29.854, 1.042

50, 5.439, 355.675

33, 35.680, 3.114

54, 0.315, 175.920

31, 40.956, 5.695

58, 5.833, 174.090

29, 45.430, 8.940

62, 11.110,
173.341

27, 48.951, 12.992

66, 16.155,
172.679

26, 51.936, 17.558

70, 20.981,
172.078

26, 52.119, 17.803

74, 25.605,
171.529

78, 30.044,

Harmonies

Complementary

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



43, 17.539, 357.938



51, 16.210, 172.107

Rectangle

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



43, 17.539, 357.938



43, 17.539, 47.938



43, 17.539, 177.938



43, 17.539, 227.938

Sweetspot

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



43, 17.537, 357.941



65, 6.440, 355.652



43, 25.017, 316.413



33, 4.465, 355.780



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 17.537, 357.941



53, 26.085, 358.813



44, 14.460, 37.528



25, 3.213, 355.639



26, 51.632, 17.726



0, 0.000, 0.000

Inverse Universe

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



43, 17.537, 357.941



53, 26.085, 358.813



49, 11.881, 218.577



25, 3.213, 355.639



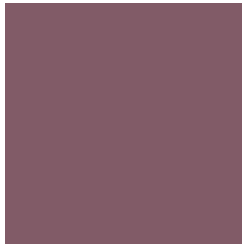
26, 51.632, 17.726



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 17.539, 357.938 looks on a white background.

Color Contrast Check

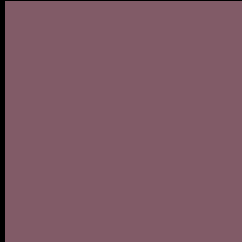
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.539, 357.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

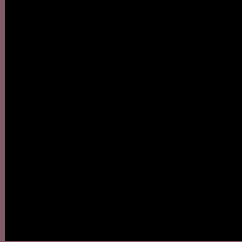
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 17.539, 357.938

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.539, 357.938.



This preview shows how white text looks on a background with the CIELCh color 43, 17.539, 357.938.

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, 17.539, 357.938

Protanopia

43, 4.840, 295.644

Deuteranopia

43, 5.751, 1.933



Tritanopia
43, 16.394, 7.064

Trichromacy



Original Color
43, 17.539, 357.938

Protanomaly
43, 8.651, 336.543

Deuteranomaly
43, 9.956, 359.647

Tritanomaly
43, 16.497, 5.033

Monochromacy



Original Color
43, 17.539, 357.938

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 6.578, 353.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.539, 357.938 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(129, 91, 103)` looks like.

```
.text, #text, p{  
    color:rgb(129, 91, 103)  
}
```

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(129, 91, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 91, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.539, 357.938 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(129, 91, 103) }
```

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

```
.border{ border-color:rgb(129, 91, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 91, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 91, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 91, 103);  
box-shadow:4px 4px 4px 4px rgb(129, 91,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.539, 357.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 91, 103) }
```

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

```
.background{ background-color: rgb(129, 91,  
103) }
```

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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