

Converting Colors

CIELCh(19, 43.257, 334.633)

Have a look what the booklet for
CIELCh(19, 43.257, 334.633)
contains.

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Color

CIELCh(19, 43.499, 334.362)

Conversions

Conversions Part 1

Format	Color
Hex	560C4A
RGB	86, 12, 74
RGB Percent	34%, 5%, 29%
CMY	0.6623, 0.9523, 0.7094
CMYK	0.00, 0.86, 0.14, 0.66
HSL	310°, 75%, 19%
HSV	310°, 86%, 34%
XYZ	5.2219, 2.7468, 6.7529
YIQ	41.1940, 24.2020, 34.9700

Conversions

Conversions Part 2

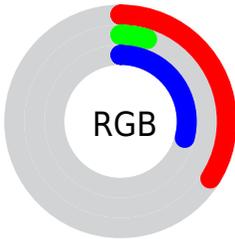
Format	Color
RYB	86, 12, 74
Decimal	5639242
CIELab	19.00, 39.22, -18.82
CIElCh	19, 43.499, 334.362
Yxy	2.7468, 0.3547, 0.1866
Android (android.graphics.Color)	4283829322 (0xFF560C4A)
YUV	41.1940, 16.1734, 39.2949
Hunter-Lab	16.5735, 27.2369, -12.5562

Details

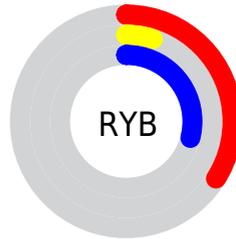
The CIELCh color **19, 43.499, 334.362** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **31, 45.802, 140.767**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 43.368, 334.171**, and **5, 25.049, 338.096** is the 20% darker color. If you saturate the color by 10%, you get **18, 45.672, 335.019**, and if you desaturate by 10%, it is **20, 40.584, 333.718**.

Distribution



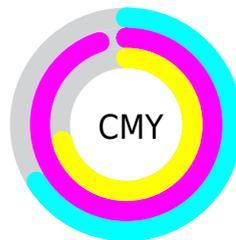
- Red (34%)
- Green (5%)
- Blue (29%)



- Red (34%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (86%)
- Yellow (14%)
- Black (66%)



- Cyan (66%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 43.499, 334.362 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 19, 43.499, 334.362 by changing the saturation by 10% instead.

 19, 43.499,
334.362

 19, 43.499,
334.362

 100, 43.499,
334.362

 9, 43.499, 334.362

 39, 43.499,
334.362

 0, 43.499, 334.362

 49, 43.499,
334.362

 59, 43.499,
334.362

 69, 43.499,
334.362

 79, 43.499,
334.362

 89, 43.499,

334.362

 99, 43.499,
334.362

 19, 43.499,
334.362

 19, 43.499,
334.362

 18, 45.672,
335.019

 20, 40.584,
333.718

 18, 46.611,
335.277

 22, 36.680,
333.096

 23, 31.985,
332.486

 25, 26.717,
331.883

 28, 21.080,
331.286

■ 30, 15.240,
330.697

■ 33, 9.328, 330.115

■ 35, 3.433, 329.525

■ 38, 2.381, 149.098

Harmonies

Complementary

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



19, 43.499, 334.362



31, 45.802, 140.767

Rectangle

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



19, 43.499, 334.362



19, 43.499, 24.362



19, 43.499, 154.362



19, 43.499, 204.362

Sweetspot

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



19, 43.497, 334.362



39, 19.049, 330.755



10, 51.637, 305.431



18, 12.771, 330.870



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



19, 43.497, 334.362



25, 55.875, 335.557



17, 34.822, 6.982



16, 3.294, 329.702



23, 54.095, 335.511



54, 95.402, 336.092

Inverse Universe

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



19, 43.497, 334.362



25, 55.875, 335.557



32, 29.933, 162.394



16, 3.294, 329.702



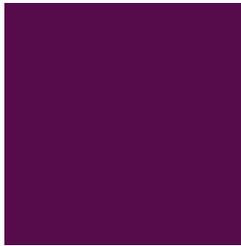
23, 54.095, 335.511



54, 95.402, 336.092

Previews

White Background



This preview shows how the CIE LCh color 19, 43.499, 334.362 looks on a white background.

Color Contrast Check

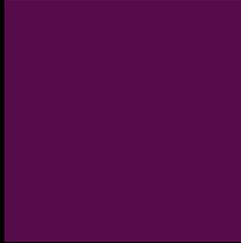
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 19, 43.499, 334.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

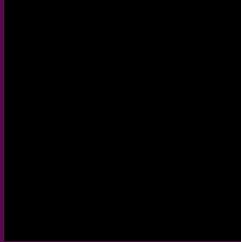
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 43.499, 334.362

Background



This preview shows how black text looks on a background with the CIELCh color 19, 43.499, 334.362.



This preview shows how white text looks on a background with the CIELCh color 19, 43.499, 334.362.

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

19, 43.499, 334.362

Protanopia

20, 36.351, 284.080

Deuteranopia

20, 15.149, 282.135



Tritanopia
20, 26.312, 23.875

Trichromacy



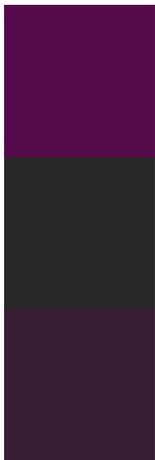
Original Color
19, 43.499, 334.362

Protanomaly
16, 39.398, 298.098

Deuteranomaly
18, 26.146, 314.847

Tritanomaly
19, 29.814, 358.210

Monochromacy



Original Color
19, 43.499, 334.362

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 19.015, 331.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 43.499, 334.362 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(86, 12, 74)` looks like.

```
.text, #text, p{  
    color:rgb(86, 12, 74)  
}
```

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(86, 12, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 12, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 43.499, 334.362 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(86, 12, 74) }
```

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

```
.border{ border-color:rgb(86, 12, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 12, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 12, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 12, 74);  
box-shadow:4px 4px 4px 4px rgb(86, 12, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 43.499, 334.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 12, 74) }
```

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

```
.background{ background-color: rgb(86, 12,  
74) }
```

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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