

Converting Colors

CIE LCh(19, 5.834, 12.800)

Have a look what the booklet for
CIELCh(19, 5.834, 12.800) contains.

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Color

CIELCh(19, 5.908, 14.119)

Conversions

Conversions Part 1

Format	Color
Hex	372B2C
RGB	55, 43, 44
RGB Percent	22%, 17%, 17%
CMY	0.7834, 0.8305, 0.8266
CMYK	0.00, 0.22, 0.20, 0.78
HSL	355°, 12%, 19%
HSV	355°, 22%, 22%
XYZ	2.9197, 2.7468, 2.7816
YIQ	46.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

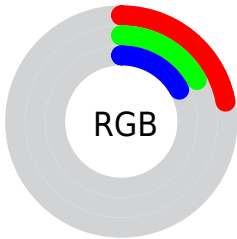
Format	Color
R_{YB}	55, 43, 44
Decimal	3615532
CIE Lab	19.00, 5.73, 1.44
CIE LCh	19, 5.908, 14.119
Yxy	2.7468, 0.3456, 0.3251
Android (android.graphics.Color)	4281805612 (0xFF372B2C)
YUV	46.7020, -1.3321, 7.2773
Hunter-Lab	16.5735, 2.4417, 1.6506

Details

The CIELCh color **19, 5.908, 14.119** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 5.337, 191.194**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 6.088, 14.482**, and **0, 0.832, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **17, 8.865, 15.132**, and if you desaturate by 10%, it is **21, 3.100, 13.264**.

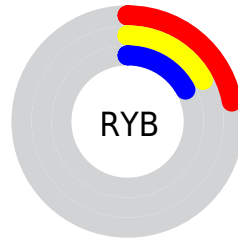
Distribution



Red (22%)

Green (17%)

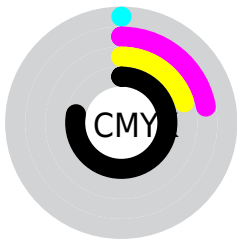
Blue (17%)



Red (22%)

Yellow (17%)

Blue (17%)

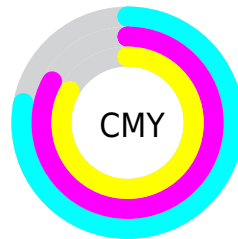


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (78%)



Cyan (78%)

Magenta (83%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 5.908, 14.119 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, 5.908, 14.119 by changing the saturation by 10% instead.

 19, 5.908, 14.119  19, 5.908, 14.119

 100, 5.908, 14.119  9, 5.908, 14.119

 39, 5.908, 14.119  0, 5.908, 14.119

 49, 5.908, 14.119

 59, 5.908, 14.119

 69, 5.908, 14.119

 79, 5.908, 14.119

 89, 5.908, 14.119

 99, 5.908, 14.119

 19, 5.908, 14.119  19, 5.908, 14.119

17, 8.865, 15.132

21, 3.100, 13.264

15, 11.957, 16.343

23, 0.447, 12.147

14, 15.154, 17.821

25, 2.055, 192.146

12, 18.406, 19.641

27, 4.414, 191.574

11, 21.547, 21.231

29, 6.641, 191.109

10, 24.267, 21.768

31, 8.747, 190.706

8, 26.789, 21.137

33, 10.744,
190.351

7, 29.026, 20.051

35, 12.642,
190.034

37, 14.452,
189.749

Harmonies

Complementary

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



19, 5.908, 14.119



22, 5.337, 191.194

Rectangle

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



19, 5.908, 14.119



19, 5.908, 64.119



19, 5.908, 194.119



19, 5.908, 244.119

Sweetspot

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



19, 5.907, 14.126



29, 2.262, 12.898



19, 9.641, 323.086



13, 1.440, 12.886



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



19, 5.907, 14.126



24, 8.891, 14.658



21, 4.844, 63.906



9, 1.467, 12.985



17, 44.612, 31.107



46, 89.862, 37.123

Inverse Universe

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



19, 5.907, 14.126



24, 8.891, 14.658



20, 4.498, 248.271



9, 1.467, 12.985



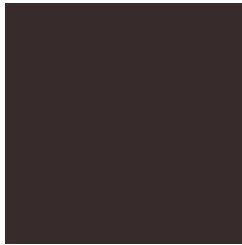
17, 44.612, 31.107



46, 89.862, 37.123

Previews

White Background



This preview shows how the CIELCh color 19, 5.908, 14.119 looks on a white background.

Color Contrast Check

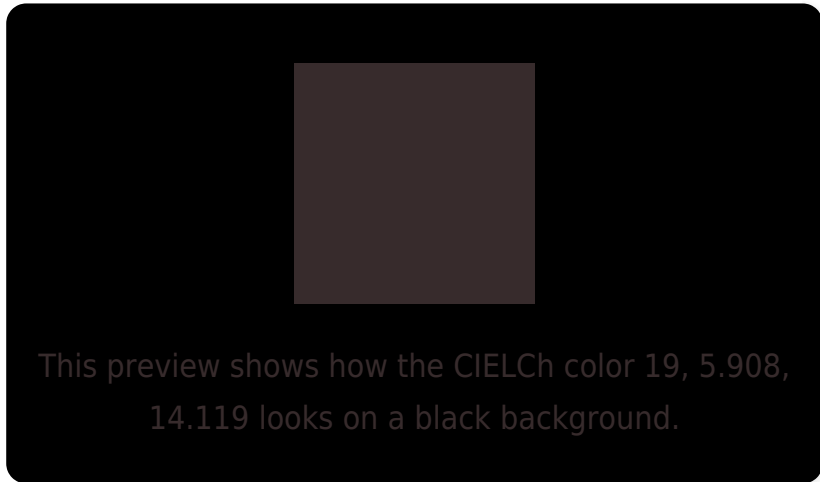
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

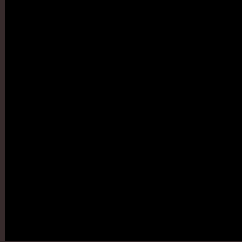
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 5.908, 14.119

Background



This preview shows how black text looks on a background with the CIELCh color 19, 5.908, 14.119.

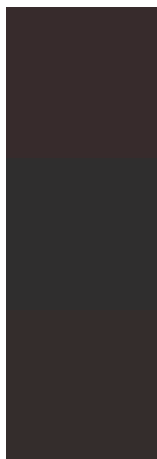


This preview shows how white text looks on a background with the CIELCh color 19, 5.908, 14.119.

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, 5.908, 14.119

Protanopia

19, 0.473, 19.084

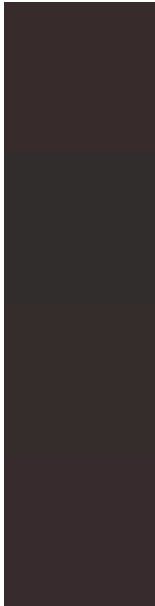
Deuteranopia

19, 3.473, 31.342



Tritanopia
19, 6.137, 1.378

Trichromacy



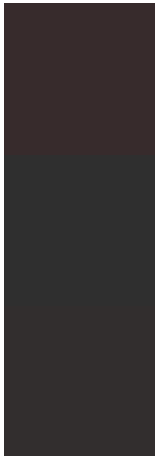
Original Color
19, 5.908, 14.119

Protanomaly
19, 2.402, 19.842

Deuteranomaly
19, 4.387, 20.325

Tritanomaly
19, 5.983, 7.623

Monochromacy



Original Color
19, 5.908, 14.119

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 1.909, 19.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 5.908, 14.119 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(55, 43, 44)` looks like.

```
.text, #text, p{  
    color:rgb(55, 43, 44)  
}
```

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(55, 43, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 43, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 5.908, 14.119 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(55, 43, 44) }
```

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

```
.border{ border-color:rgb(55, 43, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 43, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 43, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 43, 44);  
box-shadow:4px 4px 4px 4px rgb(55, 43, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 5.908, 14.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 43, 44) }
```

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

```
.background{ background-color: rgb(55, 43,  
44) }
```

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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