

Converting Colors

CIE LCh(26, 19.560, 8.197)

Have a look what the booklet for
CIELCh(26, 19.560, 8.197) contains.

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Color

CIELCh(26, 19.410, 8.388)

Conversions

Conversions Part 1

Format	Color
Hex	5A323A
RGB	90, 50, 58
RGB Percent	35%, 20%, 23%
CMY	0.6475, 0.8043, 0.7729
CMYK	0.00, 0.44, 0.36, 0.65
HSL	348°, 29%, 27%
HSV	348°, 44%, 35%
XYZ	6.1046, 4.7465, 4.5853
YIQ	62.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

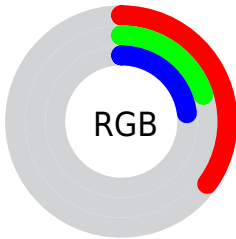
Format	Color
R_{YB}	90, 50, 58
Decimal	5911098
CIE Lab	26.00, 19.20, 2.83
CIE LCh	26, 19.410, 8.388
Yxy	4.7465, 0.3955, 0.3075
Android (android.graphics.Color)	4284101178 (0xFF5A323A)
YUV	62.8720, -2.4019, 23.7913
Hunter-Lab	21.7865, 11.8900, 2.7721

Details

The CIELCh color **26, 19.410, 8.388** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35, 16.283, 179.294**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 19.273, 8.005**, and **6, 19.576, 9.089** is the 20% darker color. If you saturate the color by 10%, you get **24, 24.015, 10.263**, and if you desaturate by 10%, it is **29, 14.805, 6.858**.

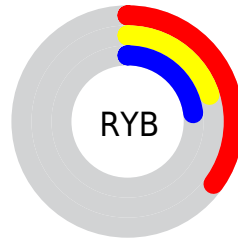
Distribution



 Red (35%)

 Green (20%)

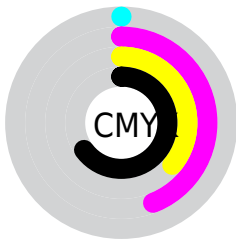
 Blue (23%)



 Red (35%)

 Yellow (20%)

 Blue (23%)

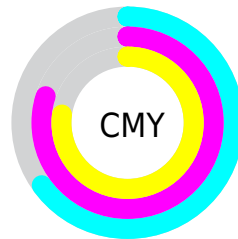


 Cyan (0%)


 Magenta (44%)

 Yellow (36%)

 Black (65%)



 Cyan (65%)


 Magenta (80%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 19.410, 8.388 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 26, 19.410, 8.388 by changing the saturation by 10% instead.

 26, 19.410, 8.388  26, 19.410, 8.388

 100, 19.410, 8.388  16, 19.410, 8.388

 46, 19.410, 8.388  6, 19.410, 8.388

 56, 19.410, 8.388  0, 19.410, 8.388

 66, 19.410, 8.388

 76, 19.410, 8.388

 86, 19.410, 8.388

 96, 19.410, 8.388

 26, 19.410, 8.388  26, 19.410, 8.388

 24, 24.015, 10.263  29, 14.805, 6.858

21, 28.492, 12.579

31, 10.300, 5.581

20, 32.686, 15.462

34, 5.954, 4.491

18, 36.457, 19.022

37, 1.799, 3.463

17, 39.893, 23.059

40, 2.155, 182.958

17, 41.863, 24.755

43, 5.909, 182.172

46, 9.471, 181.530

49, 12.856,
180.962

52, 16.078,
180.451

Harmonies

Complementary

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



26, 19.410, 8.388



35, 16.283, 179.294

Rectangle

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



26, 19.410, 8.388



26, 19.410, 58.388



26, 19.410, 188.388



26, 19.410, 238.388

Sweetspot

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



26, 19.409, 8.391



45, 6.639, 4.384



26, 28.677, 320.082



21, 4.615, 4.537



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



26, 19.409, 8.391



32, 29.094, 10.314



29, 16.255, 47.617



17, 2.312, 3.927



21, 48.752, 26.556



50, 88.700, 30.386

Inverse Universe

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



26, 19.409, 8.391



32, 29.094, 10.314



32, 12.426, 233.845



17, 2.312, 3.927



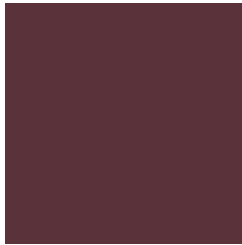
21, 48.752, 26.556



50, 88.700, 30.386

Previews

White Background



This preview shows how the CIE LCh color 26, 19.410, 8.388 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 CIELCh color 26, 19.410, 8.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

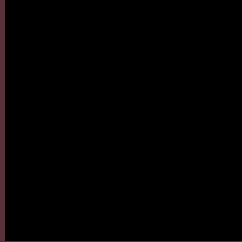
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 19.410, 8.388

Background



This preview shows how black text looks on a background with the CIELCh color 26, 19.410, 8.388.



This preview shows how white text looks on a background with the CIELCh color 26, 19.410, 8.388.

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

26, 19.410, 8.388

Protanopia

26, 1.964, 290.590

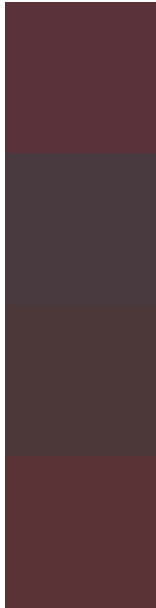
Deuteranopia

26, 5.412, 48.747



Tritanopia
26, 18.886, 17.558

Trichromacy



Original Color

26, 19.410, 8.388

Protanomaly

26, 6.934, 358.675

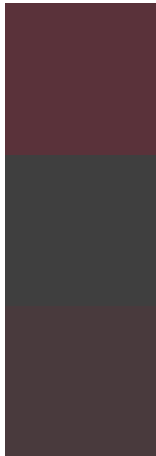
Deuteranomaly

26, 9.980, 17.600

Tritanomaly

26, 18.842, 15.612

Monochromacy



Original Color

26, 19.410, 8.388

Achromatopsia

27, 0.004, 296.813

Achromatomaly

26, 7.200, 5.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 19.410, 8.388 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(90, 50, 58)` looks like.

```
.text, #text, p{  
    color:rgb(90, 50, 58)  
}
```

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(90, 50, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 50, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 19.410, 8.388 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(90, 50, 58) }
```

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

```
.border{ border-color:rgb(90, 50, 58) }
```

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

Here you see how a box with a 4 pixel rgb(90, 50, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 50, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 50, 58);  
box-shadow:4px 4px 4px 4px rgb(90, 50, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 19.410, 8.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 50, 58) }
```

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

```
.background{ background-color: rgb(90, 50,  
58) }
```

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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