

Converting Colors

CIELCh(26, 11.409, 8.054)

Have a look what the booklet for
CIELCh(26, 11.409, 8.054) contains.

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Color

CIELCh(26, 11.539, 8.765)

Conversions

Conversions Part 1

Format	Color
Hex	4F373B
RGB	79, 55, 59
RGB Percent	31%, 22%, 23%
CMY	0.6892, 0.7834, 0.7677
CMYK	0.00, 0.30, 0.25, 0.69
HSL	350°, 18%, 26%
HSV	350°, 30%, 31%
XYZ	5.4188, 4.7465, 4.8007
YIQ	62.6320, 13.0200, 6.3320

Conversions

Conversions Part 2

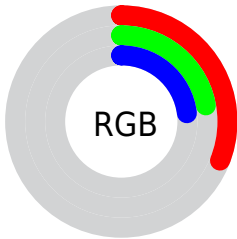
Format	Color
R_{YB}	79, 55, 59
Decimal	5191483
CIE Lab	26.00, 11.40, 1.76
CIE LCh	26, 11.539, 8.765
Yxy	4.7465, 0.3621, 0.3172
Android (android.graphics.Color)	4283381563 (0xFF4F373B)
YUV	62.6320, -1.7906, 14.3547
Hunter-Lab	21.7865, 6.2710, 2.1858




Details

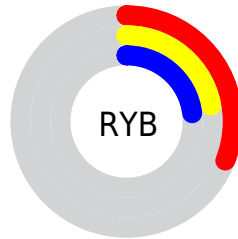
The CIELCh color **26, 11.539, 8.765** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 10.179, 183.418**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 11.643, 9.238**, and **6, 11.429, 9.373** is the 20% darker color. If you saturate the color by 10%, you get **24, 15.663, 10.142**, and if you desaturate by 10%, it is **28, 7.550, 7.618**.

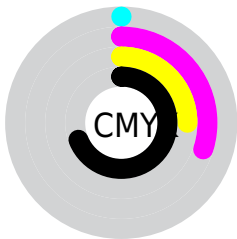
Distribution







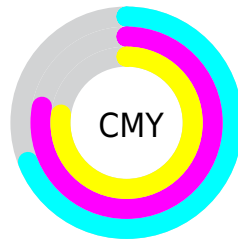
-  Red (31%)
-  Green (22%)
-  Blue (23%)






-  Red (31%)
-  Yellow (22%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (25%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (78%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 11.539, 8.765 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, 11.539, 8.765 by changing the saturation by 10% instead.

 26, 11.539, 8.765  26, 11.539, 8.765

 100, 11.539, 8.765  16, 11.539, 8.765

 46, 11.539, 8.765  6, 11.539, 8.765

 56, 11.539, 8.765  0, 11.539, 8.765

 66, 11.539, 8.765

 76, 11.539, 8.765

 86, 11.539, 8.765

 96, 11.539, 8.765

 26, 11.539, 8.765  26, 11.539, 8.765

 24, 15.663, 10.142  28, 7.550, 7.618

21, 19.862, 11.811

31, 3.735, 6.619

19, 24.043, 13.866

34, 0.108, 3.389

18, 28.082, 16.414

36, 3.330, 185.227

16, 31.854, 19.563

39, 6.586, 184.555

15, 35.254, 23.156

42, 9.672, 183.981

14, 38.359, 24.862

44, 12.600,
183.472

47, 15.386,
183.013

50, 18.043,
182.597

Harmonies

Complementary

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



26, 11.539, 8.765



32, 10.179, 183.418

Rectangle

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



26, 11.539, 8.765



26, 11.539, 58.765



26, 11.539, 188.765



26, 11.539, 238.765

Sweetspot

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



26, 11.538, 8.769



40, 4.011, 6.524



26, 17.813, 321.042



19, 2.758, 6.605



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



26, 11.538, 8.769



32, 17.137, 9.696



28, 9.348, 53.619



15, 2.068, 6.471



20, 47.908, 28.627



49, 89.192, 32.665

Inverse Universe

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



26, 11.538, 8.769



32, 17.137, 9.696



29, 8.034, 238.746



15, 2.068, 6.471



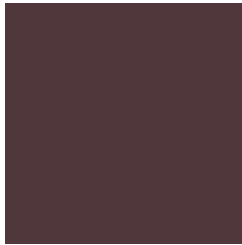
20, 47.908, 28.627



49, 89.192, 32.665

Previews

White Background



This preview shows how the CIELCh color 26, 11.539, 8.765 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 26, 11.539, 8.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

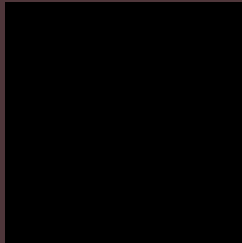
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 11.539, 8.765

Background



This preview shows how black text looks on a background with the CIELCh color 26, 11.539, 8.765.

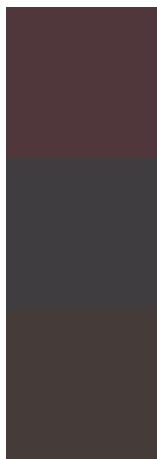


This preview shows how white text looks on a background with the CIELCh color 26, 11.539, 8.765.

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, 11.539, 8.765

Protanopia

26, 1.599, 324.522

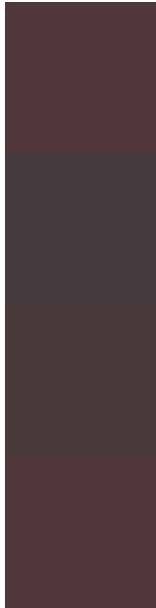
Deuteranopia

26, 4.402, 37.220



Tritanopia
26, 11.539, 8.765

Trichromacy



Original Color

26, 11.539, 8.765

Protanomaly

26, 4.976, 357.165

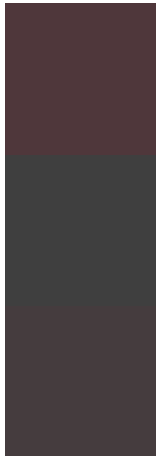
Deuteranomaly

26, 7.052, 20.680

Tritanomaly

26, 11.539, 8.765

Monochromacy



Original Color

26, 11.539, 8.765

Achromatopsia

27, 0.004, 296.813

Achromatomaly

26, 4.320, 2.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 11.539, 8.765 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(79, 55, 59)` looks like.

```
.text, #text, p{  
    color:rgb(79, 55, 59)  
}
```

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(79, 55, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 55, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 11.539, 8.765 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(79, 55, 59) }
```

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

```
.border{ border-color:rgb(79, 55, 59) }
```

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

Here you see how a box with a 4 pixel rgb(79, 55, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 55, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 55, 59);  
box-shadow:4px 4px 4px 4px rgb(79, 55, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 11.539, 8.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 55, 59) }
```

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

```
.background{ background-color: rgb(79, 55,  
59) }
```

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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