

Converting Colors

CIELCh(26, 13.534, 17.432)

Have a look what the booklet for
CIELCh(26, 13.534, 17.432) contains.

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Color

CIELCh(26, 13.435, 16.590)

Conversions

Conversions Part 1

Format	Color
Hex	523638
RGB	82, 54, 56
RGB Percent	32%, 21%, 22%
CMY	0.6776, 0.7875, 0.7797
CMYK	0.00, 0.34, 0.32, 0.68
HSL	356°, 21%, 27%
HSV	356°, 34%, 32%
XYZ	5.5441, 4.7465, 4.3896
YIQ	62.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

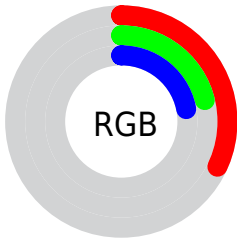
Format	Color
RYB	82, 54, 56
Decimal	5387832
CIELab	26.00, 12.88, 3.84
CIELCh	26, 13.435, 16.590
Yxy	4.7465, 0.3777, 0.3233
Android (android.graphics.Color)	4283577912 (0xFF523638)
YUV	62.6000, -3.2538, 17.0138
Hunter-Lab	21.7865, 7.2973, 3.3047




Details

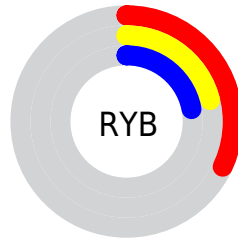
The CIELCh color **26, 13.435, 16.590** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33, 11.180, 191.311**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 13.309, 16.054**, and **6, 13.697, 15.900** is the 20% darker color. If you saturate the color by 10%, you get **24, 17.843, 18.015**, and if you desaturate by 10%, it is **29, 9.216, 15.444**.

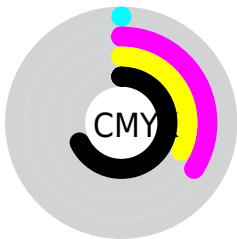
Distribution







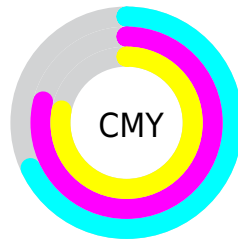
-  Red (32%)
-  Green (21%)
-  Blue (22%)






-  Red (32%)
-  Yellow (21%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (32%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (79%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 13.435, 16.590 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, 13.435, 16.590 by changing the saturation by 10% instead.

■ 26, 13.435, 16.590

■ 26, 13.435, 16.590

■ 100, 13.435,
16.590

■ 16, 13.435, 16.590

■ 46, 13.435, 16.590

■ 6, 13.435, 16.590

■ 56, 13.435, 16.590

■ 0, 13.435, 16.590

■ 66, 13.435, 16.590

■ 76, 13.435, 16.590

■ 86, 13.435, 16.590

■ 96, 13.435, 16.590

■ 26, 13.435, 16.590

■ 26, 13.435, 16.590

24, 17.843, 18.015

29, 9.216, 15.444

21, 22.382, 19.788

31, 5.223, 14.490

19, 26.954, 22.009

34, 1.466, 13.582

18, 31.440, 24.768

37, 2.059, 193.273

16, 35.625, 27.859

39, 5.366, 192.643

15, 38.938, 29.541

42, 8.470, 192.156

14, 40.764, 29.743

45, 11.392,
191.742

48, 14.149,
191.383

50, 16.759,
191.066

Harmonies

Complementary

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



26, 13.435, 16.590



33, 11.180, 191.311

Rectangle

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



26, 13.435, 16.590



26, 13.435, 66.590



26, 13.435, 196.590



26, 13.435, 246.590

Sweetspot

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



26, 13.434, 16.594



42, 4.562, 14.166



27, 21.079, 323.699



20, 3.084, 14.234



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



26, 13.434, 16.594



32, 20.566, 17.760



29, 10.998, 62.616



15, 2.026, 14.025



20, 50.050, 33.420



49, 94.494, 37.738

Inverse Universe

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



26, 13.434, 16.594



32, 20.566, 17.760



29, 9.637, 250.383



15, 2.026, 14.025



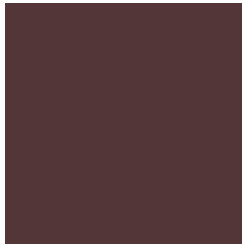
20, 50.050, 33.420



49, 94.494, 37.738

Previews

White Background



This preview shows how the CIELCh color 26, 13.435, 16.590 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, 13.435, 16.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

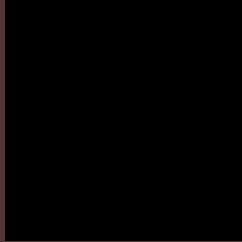
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 13.435, 16.590

Background



This preview shows how black text looks on a background with the CIELCh color 26, 13.435, 16.590.

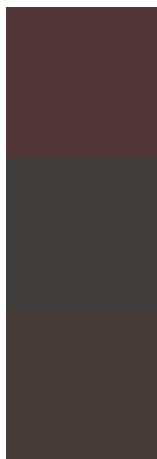


This preview shows how white text looks on a background with the CIELCh color 26, 13.435, 16.590.

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, 13.435, 16.590

Protanopia

26, 1.374, 90.539

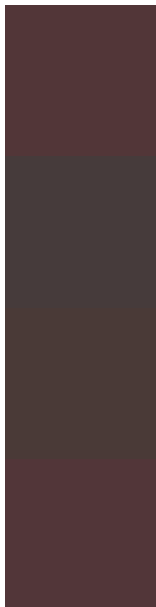
Deuteranopia

26, 5.780, 54.196



Tritanopia
26, 13.455, 11.098

Trichromacy



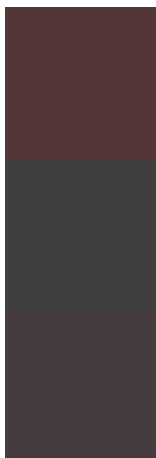
Original Color
26, 13.435, 16.590

Protanomaly
26, 5.118, 20.295

Deuteranomaly
26, 7.926, 34.884

Tritanomaly
26, 13.428, 13.842

Monochromacy



Original Color
26, 13.435, 16.590

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 4.651, 12.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 13.435, 16.590 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(82, 54, 56)` looks like.

```
.text, #text, p{  
    color:rgb(82, 54, 56)  
}
```

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(82, 54, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 54, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 13.435, 16.590 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(82, 54, 56) }
```

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

```
.border{ border-color:rgb(82, 54, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 54, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 54, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 54, 56);  
box-shadow:4px 4px 4px 4px rgb(82, 54, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 13.435, 16.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 54, 56) }
```

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

```
.background{ background-color: rgb(82, 54,  
56) }
```

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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