

Converting Colors

CIELCh(26, 9.581, 60.914)

Have a look what the booklet for
CIELCh(26, 9.581, 60.914) contains.

CIELCh(26, 9.564, 62.783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(26, 9.564, 62.783)

Conversions

Conversions Part 1

Format	Color
Hex	493B31
RGB	73, 59, 49
RGB Percent	29%, 23%, 19%
CMY	0.7143, 0.7691, 0.8083
CMYK	0.00, 0.19, 0.33, 0.71
HSL	25°, 20%, 24%
HSV	25°, 33%, 29%
XYZ	4.8464, 4.7465, 3.5526
YIQ	62.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

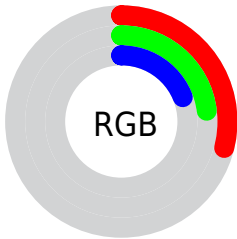
Format	Color
RYB	73, 66, 49
Decimal	4799281
CIELab	26.00, 4.37, 8.51
CIELCh	26, 9.564, 62.783
Yxy	4.7465, 0.3687, 0.3611
Android (android.graphics.Color)	4282989361 (0xFF493B31)
YUV	62.0460, -6.4317, 9.6067
Hunter-Lab	21.7865, 1.5809, 5.5824

Details

The CIELCh color **26, 9.564, 62.783** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 8.445, 250.096**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 9.571, 62.576**, and **6, 9.397, 64.357** is the 20% darker color. If you saturate the color by 10%, you get **25, 12.822, 61.888**, and if you desaturate by 10%, it is **27, 6.477, 63.710**.

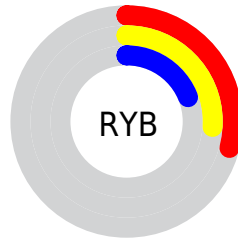
Distribution



Red (29%)

Green (23%)

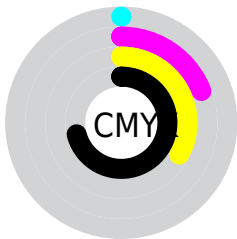
Blue (19%)



Red (29%)

Yellow (26%)

Blue (19%)

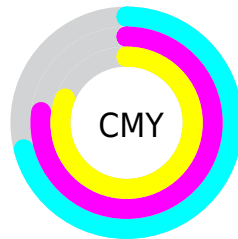


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (71%)



Cyan (71%)

Magenta (77%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 9.564, 62.783 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, 9.564, 62.783 by changing the saturation by 10% instead.

 26, 9.564, 62.783  26, 9.564, 62.783

 100, 9.564, 62.783  16, 9.564, 62.783

 46, 9.564, 62.783  6, 9.564, 62.783

 56, 9.564, 62.783  0, 9.564, 62.783

 66, 9.564, 62.783

 76, 9.564, 62.783

 86, 9.564, 62.783

 96, 9.564, 62.783

 26, 9.564, 62.783  26, 9.564, 62.783

 25, 12.822, 61.888  27, 6.477, 63.710

■ 23, 16.253, 61.010

■ 29, 3.553, 64.627

■ 22, 19.841, 60.152

■ 31, 0.781, 65.367

■ 20, 23.544, 59.292

■ 32, 1.855, 246.695

■ 19, 26.971, 57.982

■ 34, 4.366, 247.567

■ 18, 29.642, 55.854

■ 35, 6.768, 248.470

■ 17, 31.502, 54.600

■ 37, 9.070, 249.362

■ 38, 11.285,
250.234

■ 40, 13.422,
251.080

Harmonies

Complementary

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



26, 9.564, 62.783



26, 8.445, 250.096

Rectangle

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



26, 9.564, 62.783



26, 9.564, 112.783



26, 9.564, 242.783



26, 9.564, 292.783

Sweetspot

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



26, 9.564, 62.791



38, 3.384, 64.853



24, 14.187, 341.883



19, 2.332, 64.790



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



26, 9.564, 62.791



33, 14.746, 62.013



30, 13.953, 103.522



13, 1.489, 65.010



25, 42.551, 55.632



57, 81.558, 53.741

Inverse Universe

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



26, 8.445, 250.096



32, 12.542, 251.627



22, 14.793, 290.407



13, 1.449, 246.871



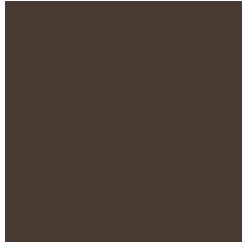
23, 29.122, 271.366



54, 56.454, 275.317

Previews

White Background



This preview shows how the CIELCh color 26, 9.564, 62.783 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, 9.564, 62.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

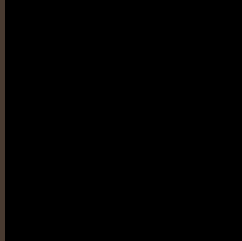
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 9.564, 62.783

Background



This preview shows how black text looks on a background with the CIELCh color 26, 9.564, 62.783.

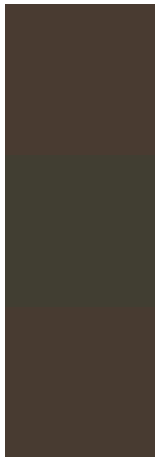


This preview shows how white text looks on a background with the CIELCh color 26, 9.564, 62.783.

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

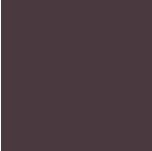
26, 9.564, 62.783

Protanopia

26, 7.933, 98.066

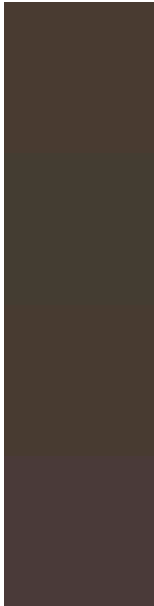
Deuteranopia

26, 9.200, 64.876



Tritanopia
26, 8.464, 358.466

Trichromacy



Original Color

26, 9.564, 62.783

Protanomaly

26, 7.943, 83.386

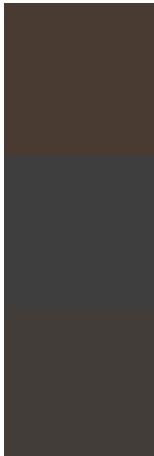
Deuteranomaly

26, 9.200, 64.876

Tritanomaly

26, 7.610, 25.631

Monochromacy



Original Color

26, 9.564, 62.783

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 3.495, 67.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 9.564, 62.783 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(73, 59, 49)` looks like.

```
.text, #text, p{  
    color:rgb(73, 59, 49)  
}
```

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(73, 59, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 59, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 9.564, 62.783 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(73, 59, 49) }
```

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

```
.border{ border-color:rgb(73, 59, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 59, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 59, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 59, 49);  
box-shadow:4px 4px 4px 4px rgb(73, 59, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 9.564, 62.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 59, 49) }
```

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

```
.background{ background-color: rgb(73, 59,  
49) }
```

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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