

Converting Colors

CIELCh(26, 8.934, 42.021)

Have a look what the booklet for
CIELCh(26, 8.934, 42.021) contains.

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Color

CIELCh(26, 8.903, 42.024)

Conversions

Conversions Part 1

Format	Color
Hex	4B3A35
RGB	75, 58, 53
RGB Percent	29%, 23%, 21%
CMY	0.7068, 0.7734, 0.7930
CMYK	0.00, 0.23, 0.29, 0.71
HSL	14°, 17%, 25%
HSV	14°, 29%, 29%
XYZ	5.0241, 4.7465, 3.9942
YIQ	62.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

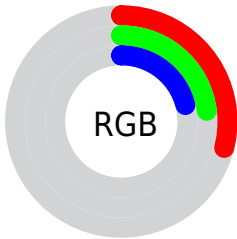
Format	Color
R_{YB}	75, 59, 53
Decimal	4930101
CIE Lab	26.00, 6.61, 5.96
CIE LCh	26, 8.903, 42.024
Yxy	4.7465, 0.3650, 0.3448
Android (android.graphics.Color)	4283120181 (0xFF4B3A35)
YUV	62.5130, -4.6899, 10.9511
Hunter-Lab	21.7865, 3.0372, 4.3807

Details

The CIELCh color **26, 8.903, 42.024** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28, 7.473, 224.224**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 8.700, 40.061**, and **6, 8.555, 44.707** is the 20% darker color. If you saturate the color by 10%, you get **24, 12.383, 42.011**, and if you desaturate by 10%, it is **28, 5.661, 42.153**.

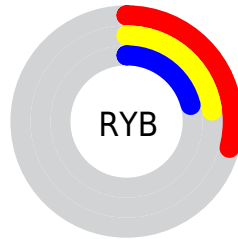
Distribution



Red (29%)

Green (23%)

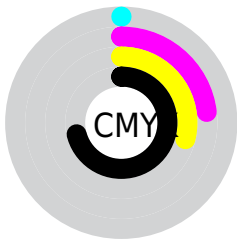
Blue (21%)



Red (29%)

Yellow (23%)

Blue (21%)

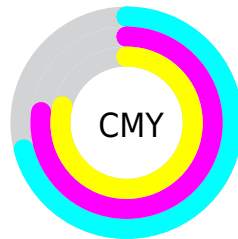


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (71%)



Cyan (71%)

Magenta (77%)


Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 8.903, 42.024 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, 8.903, 42.024 by changing the saturation by 10% instead.

 26, 8.903, 42.024  26, 8.903, 42.024

 100, 8.903, 42.024  16, 8.903, 42.024

 46, 8.903, 42.024  6, 8.903, 42.024

 56, 8.903, 42.024  0, 8.903, 42.024

 66, 8.903, 42.024

 76, 8.903, 42.024

 86, 8.903, 42.024

 96, 8.903, 42.024

 26, 8.903, 42.024  26, 8.903, 42.024

 24, 12.383, 42.011  28, 5.661, 42.153

■ 22, 16.108, 42.121

■ 30, 2.645, 42.325

■ 21, 20.073, 42.382

■ 32, 0.164, 224.332

■ 19, 24.246, 42.805

■ 34, 2.785, 223.154

■ 17, 28.377, 42.985

■ 36, 5.236, 223.488

■ 16, 31.691, 41.768

■ 38, 7.537, 223.876

■ 15, 34.662, 40.868

■ 40, 9.704, 224.288

■ 15, 34.834, 40.840

■ 42, 11.752,
224.712

■ 44, 13.695,
225.142

Harmonies

Complementary

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



26, 8.903, 42.024



28, 7.473, 224.224

Rectangle

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



26, 8.903, 42.024



26, 8.903, 92.024



26, 8.903, 222.024



26, 8.903, 272.024

Sweetspot

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



26, 8.902, 42.032



39, 3.138, 42.326



25, 14.832, 332.829



19, 2.157, 42.313



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, 8.902, 42.032



33, 13.478, 42.005



29, 10.509, 91.636



14, 1.596, 42.335



22, 46.955, 43.539



51, 90.983, 44.035

Inverse Universe

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



28, 7.473, 224.224



36, 10.788, 224.785



25, 10.606, 278.763



15, 1.523, 223.122



31, 22.620, 238.834



67, 41.435, 242.155

Previews

White Background



This preview shows how the CIELCh color 26, 8.903, 42.024 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, 8.903, 42.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

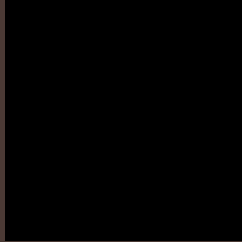
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 8.903, 42.024

Background



This preview shows how black text looks on a background with the CIELCh color 26, 8.903, 42.024.

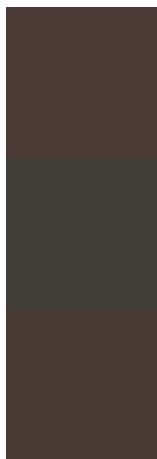


This preview shows how white text looks on a background with the CIELCh color 26, 8.903, 42.024.

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, 8.903, 42.024

Protanopia

26, 4.650, 97.597

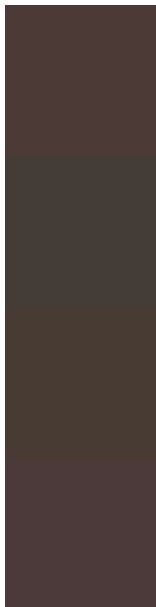
Deuteranopia

26, 7.426, 57.874



Tritanopia
26, 9.176, 4.783

Trichromacy



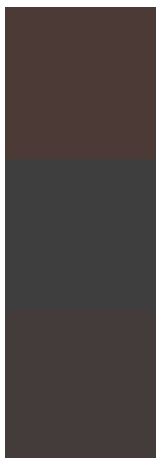
Original Color
26, 8.903, 42.024

Protanomaly
26, 5.473, 65.293

Deuteranomaly
26, 7.825, 55.695

Tritanomaly
26, 8.982, 16.969

Monochromacy



Original Color
26, 8.903, 42.024

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 3.301, 31.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 8.903, 42.024 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(75, 58, 53)` looks like.

```
.text, #text, p{  
    color:rgb(75, 58, 53)  
}
```

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(75, 58, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 58, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 8.903, 42.024 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(75, 58, 53) }
```

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

```
.border{ border-color:rgb(75, 58, 53) }
```

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

Here you see how a box with a 4 pixel rgb(75, 58, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 58, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 58, 53);  
box-shadow:4px 4px 4px 4px rgb(75, 58, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 8.903, 42.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 58, 53) }
```

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

```
.background{ background-color: rgb(75, 58,  
53) }
```

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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