

Converting Colors

CIELCh(26, 14.599, 94.074)

Have a look what the booklet for
CIELCh(26, 14.599, 94.074) contains.

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Color

CIELCh(26, 14.700, 93.192)

Conversions

Conversions Part 1

Format	Color
Hex	443D27
RGB	68, 61, 39
RGB Percent	27%, 24%, 15%
CMY	0.7324, 0.7599, 0.8462
CMYK	0.00, 0.10, 0.43, 0.73
HSL	46°, 27%, 21%
HSV	46°, 43%, 27%
XYZ	4.4505, 4.7465, 2.6195
YIQ	60.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

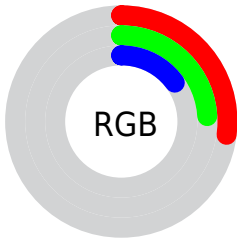
Format	Color
RYB	48, 68, 39
Decimal	4472103
CIELab	26.00, -0.82, 14.68
CIElCh	26, 14.700, 93.192
Yxy	4.7465, 0.3766, 0.4017
Android (android.graphics.Color)	4282662183 (0xFF443D27)
YUV	60.5850, -10.6414, 6.5030
Hunter-Lab	21.7865, -1.6627, 8.1217

Details

The CIELCh color **26, 14.700, 93.192** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 15.184, 283.639**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 14.742, 92.356**, and **6, 9.096, 91.377** is the 20% darker color. If you saturate the color by 10%, you get **25, 18.155, 92.051**, and if you desaturate by 10%, it is **27, 11.217, 94.319**.

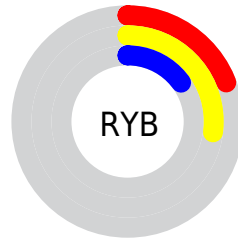
Distribution



Red (27%)

Green (24%)

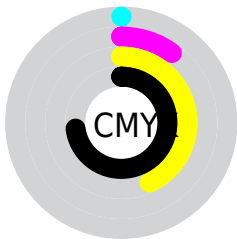
Blue (15%)



Red (19%)

Yellow (27%)

Blue (15%)

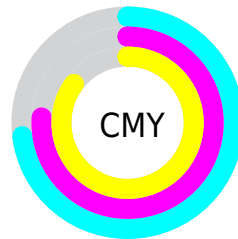


Cyan (0%)

Magenta (10%)

Yellow (43%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 14.700, 93.192 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, 14.700, 93.192 by changing the saturation by 10% instead.

■ 26, 14.700, 93.192

■ 26, 14.700, 93.192

■ 100, 14.700,
93.192

■ 16, 14.700, 93.192

■ 46, 14.700, 93.192

■ 6, 14.700, 93.192

■ 56, 14.700, 93.192

■ 0, 14.700, 93.192

■ 66, 14.700, 93.192

■ 76, 14.700, 93.192

■ 86, 14.700, 93.192

■ 96, 14.700, 93.192

■ 26, 14.700, 93.192

■ 26, 14.700, 93.192

■ 25, 18.155, 92.051

■ 27, 11.217, 94.319

■ 25, 21.528, 90.884

■ 27, 7.738, 95.416

■ 24, 24.728, 89.689

■ 28, 4.281, 96.479

■ 24, 27.603, 88.451

■ 29, 0.856, 97.441

■ 23, 29.874, 87.195

■ 30, 2.531, 278.579

■ 23, 31.541, 86.364

■ 30, 5.880, 279.529

■ 31, 9.190, 280.454

■ 32, 12.461,
281.342

■ 33, 15.695,
282.192

Harmonies

Complementary

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



26, 14.700, 93.192



19, 15.184, 283.639

Rectangle

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



26, 14.700, 93.192



26, 14.700, 143.192



26, 14.700, 273.192



26, 14.700, 323.192

Sweetspot

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



26, 14.700, 93.197



37, 5.555, 96.373



20, 14.822, 4.057



18, 3.923, 96.244



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 14.700, 93.197



34, 22.028, 91.981



28, 18.713, 117.553



12, 1.850, 96.896



33, 41.598, 85.497



73, 76.250, 83.914

Inverse Universe

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



19, 15.184, 283.639



24, 23.068, 285.700



18, 20.338, 302.880



12, 1.865, 278.735



13, 51.631, 298.978



34, 102.438, 301.317

Previews

White Background



This preview shows how the CIE LCh color 26, 14.700, 93.192 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, 14.700, 93.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

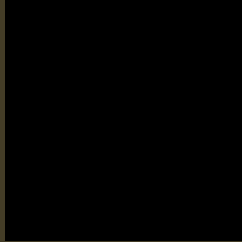
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

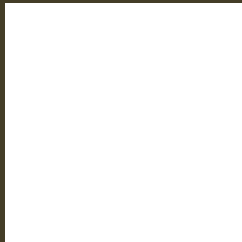
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 14.700, 93.192

Background



This preview shows how black text looks on a background with the CIELCh color 26, 14.700, 93.192.

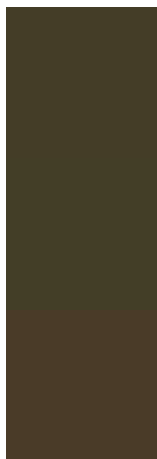


This preview shows how white text looks on a background with the CIELCh color 26, 14.700, 93.192.

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

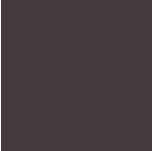
26, 14.700, 93.192

Protanopia

26, 15.061, 97.410

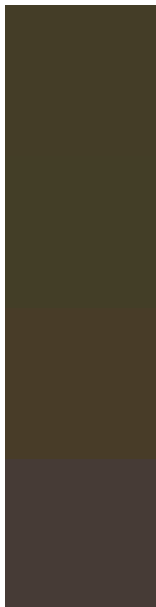
Deuteranopia

26, 14.688, 76.098



Tritanopia
26, 6.769, 351.899

Trichromacy



Original Color
26, 14.700, 93.192

Protanomaly
26, 15.061, 97.410

Deuteranomaly
26, 14.441, 82.401

Tritanomaly
26, 6.210, 51.699

Monochromacy



Original Color
26, 14.700, 93.192

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 5.407, 93.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 14.700, 93.192 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(68, 61, 39)` looks like.

```
.text, #text, p{  
    color:rgb(68, 61, 39)  
}
```

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(68, 61, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 61, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 14.700, 93.192 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(68, 61, 39) }
```

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

```
.border{ border-color:rgb(68, 61, 39) }
```

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

Here you see how a box with a 4 pixel rgb(68, 61, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 61, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 61, 39);  
box-shadow:4px 4px 4px 4px rgb(68, 61, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 14.700, 93.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 61, 39) }
```

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

```
.background{ background-color: rgb(68, 61,  
39) }
```

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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