

Converting Colors

CIELCh(26, 13.015, 118.803)

Have a look what the booklet for
CIELCh(26, 13.015, 118.803)
contains.

CIELCh(26, 13.132, 118.191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(26, 13.132, 118.191)

Conversions

Conversions Part 1

Format	Color
Hex	3B402C
RGB	59, 64, 44
RGB Percent	23%, 25%, 17%
CMY	0.7695, 0.7498, 0.8282
CMYK	0.08, 0.00, 0.31, 0.75
HSL	75°, 19%, 21%
HSV	75°, 31%, 25%
XYZ	4.0633, 4.7465, 3.0650
YIQ	60.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

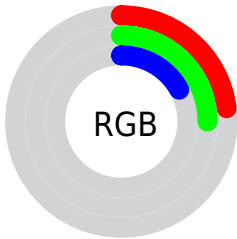
Format	Color
RYB	44, 64, 49
Decimal	3883052
CIELab	26.00, -6.20, 11.57
CIElCh	26, 13.132, 118.191
Yxy	4.7465, 0.3422, 0.3997
Android (android.graphics.Color)	4282073132 (0xFF3B402C)
YUV	60.2250, -7.9989, -1.0743
Hunter-Lab	21.7865, -4.8348, 6.9094

Details

The CIELCh color **26, 13.132, 118.191** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 13.912, 301.935**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 13.215, 119.653**, and **6, 10.913, 121.851** is the 20% darker color. If you saturate the color by 10%, you get **26, 17.218, 117.650**, and if you desaturate by 10%, it is **26, 8.975, 118.750**.

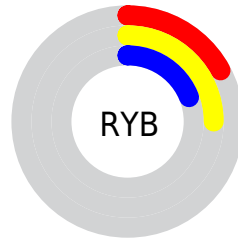
Distribution



Red (23%)

Green (25%)

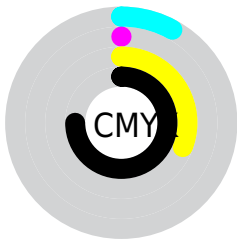
Blue (17%)



Red (17%)

Yellow (25%)

Blue (19%)

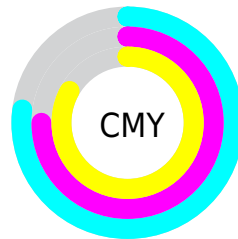


Cyan (8%)

Magenta (0%)

Yellow (31%)

Black (75%)



Cyan (77%)


Magenta (75%)


Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 13.132, 118.191 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, 13.132, 118.191 by changing the saturation by 10% instead.

 26, 13.132,
118.191


 26, 13.132,
118.191

 100, 13.132,
118.191


 16, 13.132,
118.191


 46, 13.132,
118.191


 6, 13.132, 118.191

 56, 13.132,
118.191

 0, 13.132, 118.191

 66, 13.132,
118.191

 76, 13.132,
118.191

 86, 13.132,
118.191

 96, 13.132,

118.191

■ 26, 13.132,
118.191

■ 26, 13.132,
118.191

■ 26, 17.218,
117.650

■ 26, 8.975, 118.750

■ 25, 21.183,
117.140

■ 27, 4.776, 119.306

■ 27, 0.560, 119.868

■ 25, 24.962,
116.694

■ 27, 3.655, 300.363

■ 25, 28.460,
116.356

■ 28, 7.858, 300.864

■ 25, 31.554,
116.180

■ 28, 12.040,
301.338

■ 25, 34.248,
116.178

■ 29, 16.192,
301.785

■ 25, 36.564,
116.197

■ 29, 20.310,
302.204

■ 29, 24.388,
302.596

Harmonies

Complementary

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



26, 13.132, 118.191



19, 13.912, 301.935

Rectangle

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



26, 13.132, 118.191



26, 13.132, 168.191



26, 13.132, 298.191



26, 13.132, 348.191

Sweetspot

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



26, 13.133, 118.194



35, 4.774, 119.412



22, 8.258, 44.430



17, 3.347, 119.372



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 13.133, 118.194



34, 19.954, 117.735



25, 14.830, 135.947



13, 2.419, 119.458



38, 49.390, 116.596



83, 91.547, 117.545

Inverse Universe

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



19, 13.912, 301.935



24, 21.524, 302.606



20, 15.075, 318.476



11, 2.459, 300.392



9, 63.974, 308.265



30, 119.011, 307.638

Previews

White Background



This preview shows how the CIE LCh color 26, 13.132, 118.191 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, 13.132, 118.191 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

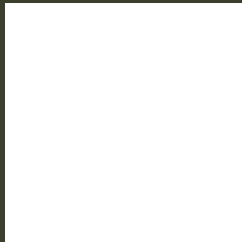
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 13.132, 118.191

Background



This preview shows how black text looks on a background with the CIELCh color 26, 13.132, 118.191.

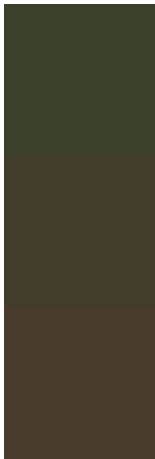


This preview shows how white text looks on a background with the CIELCh color 26, 13.132, 118.191.

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, 13.132, 118.191

Protanopia

26, 11.962, 95.700

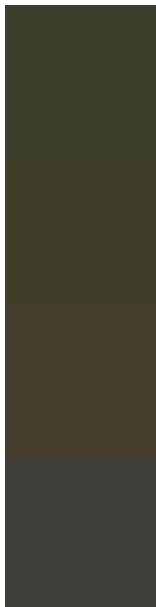
Deuteranopia

26, 11.613, 71.149



Tritanopia
26, 3.315, 298.457

Trichromacy



Original Color
26, 13.132, 118.191

Protanomaly
26, 12.313, 105.303

Deuteranomaly
26, 10.987, 89.585

Tritanomaly
26, 2.653, 119.570

Monochromacy



Original Color
26, 13.132, 118.191

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 4.603, 115.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 13.132, 118.191 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(59, 64, 44)` looks like.

```
.text, #text, p{  
    color:rgb(59, 64, 44)  
}
```

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(59, 64, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 64, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 13.132, 118.191 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(59, 64, 44) }
```

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

```
.border{ border-color:rgb(59, 64, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 64, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 64, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 64, 44);  
box-shadow:4px 4px 4px 4px rgb(59, 64, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 13.132, 118.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 64, 44) }
```

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

```
.background{ background-color: rgb(59, 64,  
44) }
```

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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