

Converting Colors

CIELCh(26, 29.260, 123.358)

Have a look what the booklet for
CIELCh(26, 29.260, 123.358)
contains.

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Color

CIELCh(26, 29.237, 123.587)

Conversions

Conversions Part 1

Format	Color
Hex	304316
RGB	48, 67, 22
RGB Percent	19%, 26%, 9%
CMY	0.8105, 0.7360, 0.9126
CMYK	0.28, 0.00, 0.67, 0.74
HSL	85°, 50%, 18%
HSV	85°, 67%, 26%
XYZ	3.4070, 4.7465, 1.5107
YIQ	56.1890, 3.1210, -18.0230

Conversions

Conversions Part 2

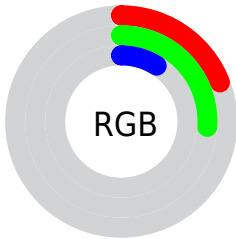
Format	Color
R_{YB}	22, 67, 41
Decimal	3162902
CIE Lab	26.00, -16.17, 24.36
CIE LCh	26, 29.237, 123.587
Yxy	4.7465, 0.3525, 0.4911
Android (android.graphics.Color)	4281352982 (0xFF304316)
YUV	56.1890, -16.8552, -7.1818
Hunter-Lab	21.7865, -10.2119, 11.1394

Details

The CIELCh color **26, 29.237, 123.587** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12, 32.580, 309.795**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 29.043, 123.335**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 32.856, 123.449**, and if you desaturate by 10%, it is **26, 25.257, 123.880**.

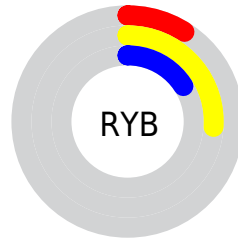
Distribution



 Red (19%)

 Green (26%)

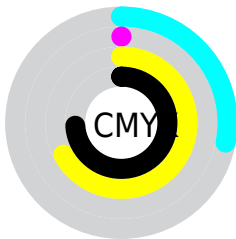
 Blue (9%)



 Red (9%)

 Yellow (26%)

 Blue (16%)

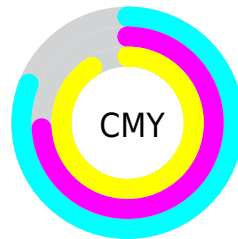


 Cyan (28%)

 Magenta (0%)

 Yellow (67%)

 Black (74%)



 Cyan (81%)


 Magenta (74%)

 Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 29.237, 123.587 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, 29.237, 123.587 by changing the saturation by 10% instead.

 26, 29.237,
123.587


 26, 29.237,
123.587

 100, 29.237,
123.587


 16, 29.237,
123.587


 46, 29.237,
123.587


 6, 29.237, 123.587

 56, 29.237,
123.587

 0, 29.237, 123.587

 66, 29.237,
123.587

 76, 29.237,
123.587

 86, 29.237,
123.587

 96, 29.237,

123.587

■ 26, 29.237,
123.587

■ 26, 29.237,
123.587

■ 26, 32.856,
123.449

■ 26, 25.257,
123.880

■ 25, 35.980,
123.530

■ 27, 21.034,
124.262

■ 25, 38.976,
123.606

■ 27, 16.655,
124.692

■ 25, 39.913,
123.623

■ 27, 12.181,
125.140

■ 28, 7.658, 125.589

■ 28, 3.116, 126.030

■ 29, 1.419, 306.399

■ 29, 5.933, 306.810

■ 30, 10.410,
307.174

Harmonies

Complementary

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



26, 29.237, 123.587



12, 32.580, 309.795

Rectangle

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



26, 29.237, 123.587



26, 29.237, 173.587



26, 29.237, 303.587



26, 29.237, 353.587

Sweetspot

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



26, 29.237, 123.588



36, 11.197, 125.413



19, 19.892, 59.879



17, 7.518, 125.364



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, 29.237, 123.588



33, 41.403, 123.474



25, 33.629, 137.821



13, 2.490, 125.959



37, 51.901, 124.212



81, 96.709, 125.439

Inverse Universe

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



12, 32.580, 309.795



14, 47.572, 310.503



16, 33.631, 324.819



11, 2.523, 306.655



11, 61.995, 310.961



34, 115.354, 310.137

Previews

White Background



This preview shows how the CIELCh color 26, 29.237, 123.587 looks on a white background.

Color Contrast Check

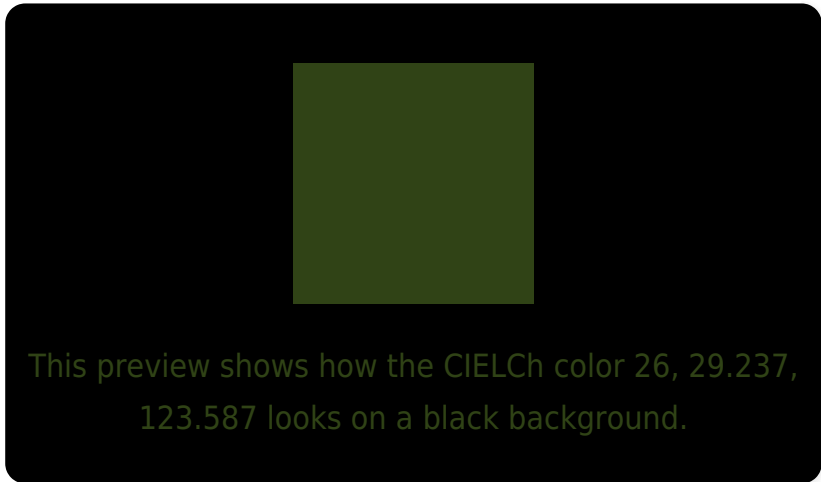
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 29.237, 123.587

Background



This preview shows how black text looks on a background with the CIELCh color 26, 29.237, 123.587.



This preview shows how white text looks on a background with the CIELCh color 26, 29.237, 123.587.

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

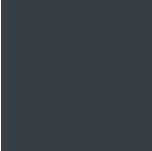
26, 29.237, 123.587

Protanopia

26, 25.798, 96.531

Deuteranopia

26, 23.443, 81.312



Tritanopia
26, 4.939, 240.649

Trichromacy



Original Color
26, 29.237, 123.587

Protanomaly
26, 26.548, 108.109

Deuteranomaly
25, 23.478, 98.768

Tritanomaly
26, 10.948, 141.430

Monochromacy



Original Color
26, 29.237, 123.587

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 11.017, 125.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 29.237, 123.587 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(48, 67, 22)` looks like.

```
.text, #text, p{  
    color:rgb(48, 67, 22)  
}
```

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(48, 67, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 67, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 29.237, 123.587 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(48, 67, 22) }
```

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

```
.border{ border-color:rgb(48, 67, 22) }
```

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

Here you see how a box with a 4 pixel rgb(48, 67, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 67, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 67, 22);  
box-shadow:4px 4px 4px 4px rgb(48, 67, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 29.237, 123.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 67, 22) }
```

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

```
.background{ background-color: rgb(48, 67,  
22) }
```

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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