

Converting Colors

CIELCh(29, 25.865, 137.588)

Have a look what the booklet for
CIELCh(29, 25.865, 137.588)
contains.

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Color

CIELCh(29, 26.426, 137.266)

Conversions

Conversions Part 1

Format	Color
Hex	2E4C28
RGB	46, 76, 40
RGB Percent	18%, 30%, 16%
CMY	0.8211, 0.7035, 0.8445
CMYK	0.40, 0.00, 0.48, 0.70
HSL	110°, 31%, 23%
HSV	110°, 48%, 30%
XYZ	4.0442, 5.8380, 2.8892
YIQ	62.9260, -6.3240, -17.5560

Conversions

Conversions Part 2

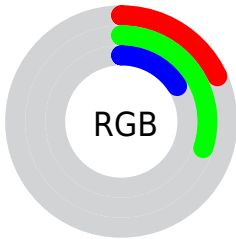
Format	Color
R_{YB}	40, 76, 70
Decimal	3034152
CIE _{Lab}	29.00, -19.41, 17.93
CIE _{LCh}	29, 26.426, 137.266
Yxy	5.8380, 0.3167, 0.4571
Android (android.graphics.Color)	4281224232 (0xFF2E4C28)
YUV	62.9260, -11.3025, -14.8441
Hunter-Lab	24.1619, -12.4066, 9.8236

Details

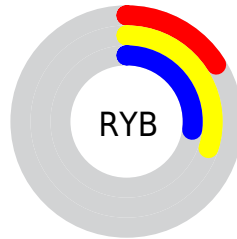
The CIELCh color **29, 26.426, 137.266** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21, 26.791, 321.707**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 26.112, 137.090**, and **9, 22.943, 143.674** is the 20% darker color. If you saturate the color by 10%, you get **29, 31.623, 136.603**, and if you desaturate by 10%, it is **30, 20.996, 137.905**.

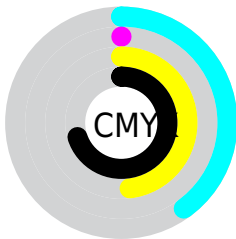
Distribution



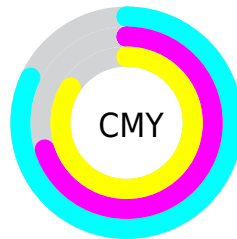
- Red (18%)
- Green (30%)
- Blue (16%)



- Red (16%)
- Yellow (30%)
- Blue (27%)



- Cyan (40%)
- Magenta (0%)
- Yellow (48%)
- Black (70%)





- Cyan (82%)
- Magenta (70%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 26.426, 137.266 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 29, 26.426, 137.266 by changing the saturation by 10% instead.

 29, 26.426,
137.266


 29, 26.426,
137.266

 100, 26.426,
137.266


 19, 26.426,
137.266


 49, 26.426,
137.266


 9, 26.426, 137.266

 59, 26.426,
137.266

 0, 26.426, 137.266

 69, 26.426,
137.266

 79, 26.426,
137.266

 89, 26.426,
137.266

 99, 26.426,

137.266

■ 29, 26.426,
137.266

■ 29, 26.426,
137.266

■ 29, 31.623,
136.603

■ 30, 20.996,
137.905

■ 28, 36.454,
135.955

■ 30, 15.434,
138.496

■ 28, 40.752,
135.388

■ 31, 9.819, 139.031

■ 28, 44.328,
134.988

■ 32, 4.211, 139.518

■ 27, 47.618,
134.344

■ 32, 1.347, 319.827

■ 27, 48.415,
134.128

■ 33, 6.823, 320.253
■ 34, 12.193,
320.574

■ 35, 17.445,
320.849

■ 36, 22.568,
321.085

Harmonies

Complementary

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



29, 26.426, 137.266



21, 26.791, 321.707

Rectangle

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



29, 26.426, 137.266



29, 26.426, 187.266



29, 26.426, 317.266



29, 26.426, 7.266

Sweetspot

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



29, 26.427, 137.267



41, 9.804, 139.183



29, 19.127, 97.433



20, 6.828, 139.120



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



29, 26.427, 137.267



38, 39.186, 136.494



29, 21.828, 151.762



15, 3.136, 139.466



37, 59.900, 134.514



80, 109.283, 135.131

Inverse Universe

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



21, 26.791, 321.707



26, 39.744, 322.075



22, 22.157, 339.074



14, 3.150, 320.142



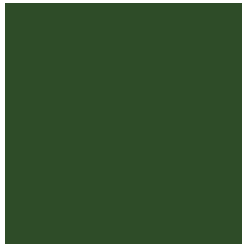
20, 59.746, 322.233



48, 108.277, 321.824

Previews

White Background



This preview shows how the CIE LCh color 29, 26.426, 137.266 looks on a white background.

Color Contrast Check

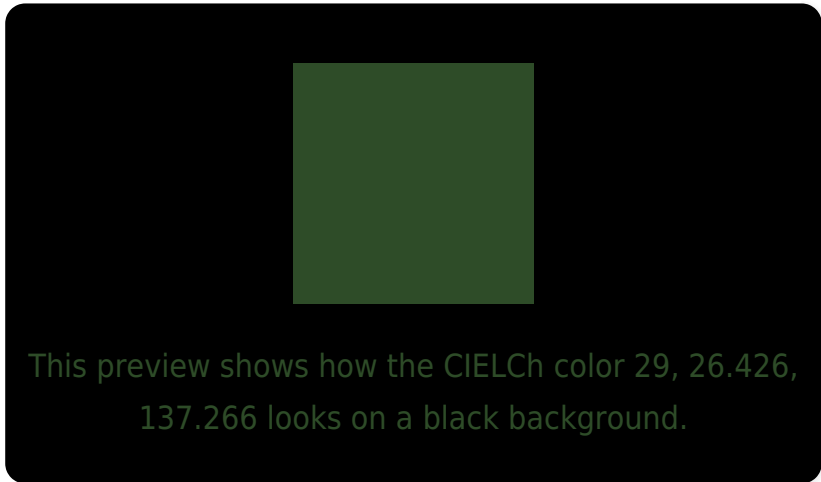
Large Text (above 18pt) WCAG AA ✓ Pass

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

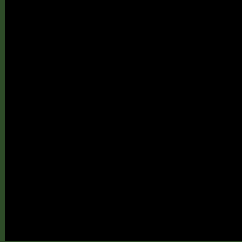
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 26.426, 137.266

Background



This preview shows how black text looks on a background with the CIELCh color 29, 26.426, 137.266.



This preview shows how white text looks on a background with the CIELCh color 29, 26.426, 137.266.

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](#).

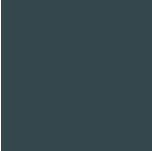
Dichromacy



Original Color
29, 26.426, 137.266

Protanopia
29, 19.896, 96.015

Deuteranopia
29, 17.222, 77.185



Tritanopia
29, 8.344, 226.187

Trichromacy



Original Color
29, 26.426, 137.266

Protanomaly
29, 20.940, 115.711

Deuteranomaly
29, 17.689, 106.715

Tritanomaly
29, 11.842, 164.640

Monochromacy



Original Color
29, 26.426, 137.266

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 9.821, 139.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 26.426, 137.266 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(46, 76, 40)` looks like.

```
.text, #text, p{  
    color:rgb(46, 76, 40)  
}
```

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(46, 76, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 76, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 26.426, 137.266 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(46, 76, 40) }
```

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

```
.border{ border-color:rgb(46, 76, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 76, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 76, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 76, 40);  
box-shadow:4px 4px 4px 4px rgb(46, 76, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 26.426, 137.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 76, 40) }
```

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

```
.background{ background-color: rgb(46, 76,  
40) }
```

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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