

Converting Colors

CIELCh(30, 26.342, 148.127)

Have a look what the booklet for
CIELCh(30, 26.342, 148.127)
contains.

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Color

CIELCh(30, 26.340, 147.906)

Conversions

Conversions Part 1

Format	Color
Hex	264F30
RGB	38, 79, 48
RGB Percent	15%, 31%, 19%
CMY	0.8506, 0.6898, 0.8114
CMYK	0.52, 0.00, 0.39, 0.69
HSL	135°, 35%, 23%
HSV	135°, 52%, 31%
XYZ	4.1427, 6.2359, 3.7925
YIQ	63.2070, -14.4850, -18.3330

Conversions

Conversions Part 2

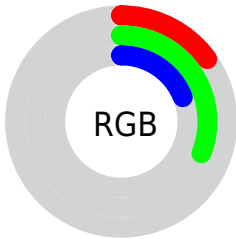
Format	Color
RYB	38, 71, 79
Decimal	2510640
CIELab	30.00, -22.31, 13.99
CIElCh	30, 26.340, 147.906
Yxy	6.2359, 0.2923, 0.4400
Android (android.graphics.Color)	4280700720 (0xFF264F30)
YUV	63.2070, -7.4971, -22.1065
Hunter-Lab	24.9718, -14.0886, 8.4759

Details

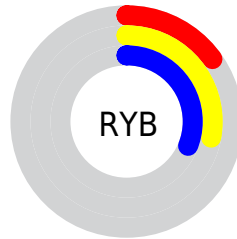
The CIELCh color **30, 26.340, 147.906** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22, 26.424, 335.423**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 26.798, 147.587**, and **10, 24.718, 144.460** is the 20% darker color. If you saturate the color by 10%, you get **30, 30.973, 146.718**, and if you desaturate by 10%, it is **31, 21.454, 148.955**.

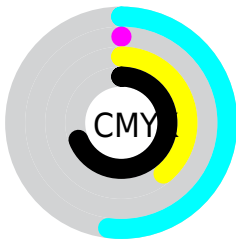
Distribution



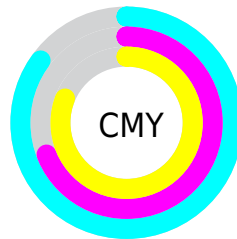
- Red (15%)
- Green (31%)
- Blue (19%)



- Red (15%)
- Yellow (28%)
- Blue (31%)



- Cyan (52%)
- Magenta (0%)
- Yellow (39%)
- Black (69%)





- Cyan (85%)
- Magenta (69%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 26.340, 147.906 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 30, 26.340, 147.906 by changing the saturation by 10% instead.


 30, 26.340,
147.906


 30, 26.340,
147.906

 100, 26.340,
147.906


 20, 26.340,
147.906


 50, 26.340,
147.906


 10, 26.340,
147.906

 60, 26.340,
147.906

 0, 26.340, 147.906

 70, 26.340,
147.906

 80, 26.340,
147.906

 90, 26.340,
147.906

■ 30, 26.340,
147.906

■ 30, 26.340,
147.906

■ 30, 30.973,
146.718

■ 31, 21.454,
148.955

■ 29, 35.263,
145.388

■ 31, 16.399,
149.877

■ 29, 39.126,
143.923

■ 32, 11.251,
150.687

■ 29, 42.525,
142.404

■ 33, 6.078, 151.406

■ 33, 0.931, 152.177

■ 29, 45.106,
141.418

■ 34, 4.148, 332.507

■ 35, 9.129, 333.015

■ 36, 13.992,
333.455

■ 38, 18.722,

Harmonies

Complementary

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



30, 26.340, 147.906



22, 26.424, 335.423

Rectangle

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



30, 26.340, 147.906



30, 26.340, 197.906



30, 26.340, 327.906



30, 26.340, 17.906

Sweetspot

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



30, 26.341, 147.906



42, 10.164, 151.075



32, 25.444, 116.302



20, 6.778, 151.004



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 26.341, 147.906



38, 38.163, 146.420



30, 17.600, 173.386



16, 2.941, 151.614



38, 55.726, 140.628



81, 103.073, 139.306

Inverse Universe

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



22, 26.424, 335.423



27, 37.915, 336.353



21, 20.662, 4.529



15, 2.952, 332.579



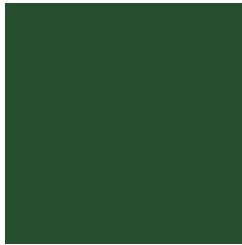
22, 50.226, 340.118



52, 89.050, 341.176

Previews

White Background



This preview shows how the CIELCh color 30, 26.340, 147.906 looks on a white background.

Color Contrast Check

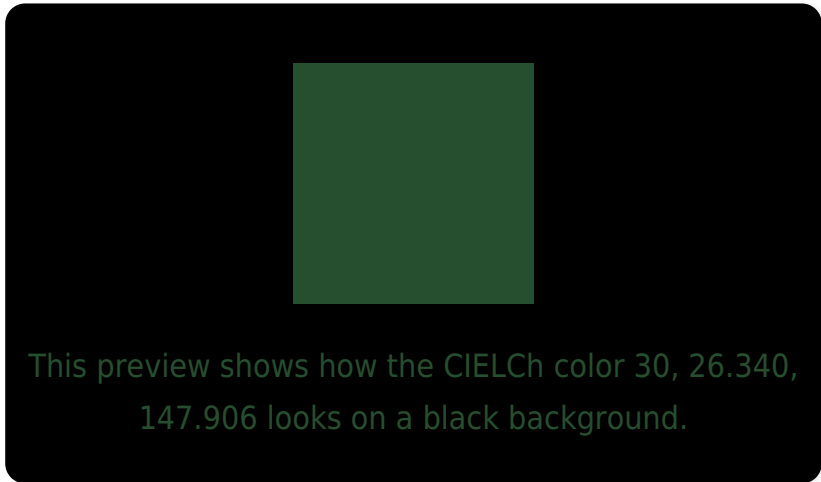
Large Text (above 18pt) WCAG AA ✓ Pass

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

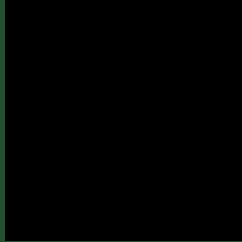
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 26.340, 147.906

Background



This preview shows how black text looks on a background with the CIELCh color 30, 26.340, 147.906.



This preview shows how white text looks on a background with the CIELCh color 30, 26.340, 147.906.

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

30, 26.340, 147.906

Protanopia

30, 16.211, 94.760

Deuteranopia

30, 13.335, 69.381



Tritanopia
30, 11.428, 217.741

Trichromacy



Original Color
30, 26.340, 147.906

Protanomaly
29, 17.664, 122.680

Deuteranomaly
29, 13.455, 115.793

Tritanomaly
30, 14.026, 178.535

Monochromacy



Original Color
30, 26.340, 147.906

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 9.831, 151.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 26.340, 147.906 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(38, 79, 48)` looks like.

```
.text, #text, p{  
    color:rgb(38, 79, 48)  
}
```

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(38, 79, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 79, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 26.340, 147.906 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(38, 79, 48) }
```

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

```
.border{ border-color:rgb(38, 79, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 79, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 79, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 79, 48);  
box-shadow:4px 4px 4px 4px rgb(38, 79, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 26.340, 147.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 79, 48) }
```

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

```
.background{ background-color: rgb(38, 79,  
48) }
```

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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