

Converting Colors

CIELCh(30, 34.145, 125.771)

Have a look what the booklet for
CIELCh(30, 34.145, 125.771)
contains.

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Color

CIELCh(30, 34.027, 126.067)

Conversions

Conversions Part 1

Format	Color
Hex	344E19
RGB	52, 78, 25
RGB Percent	20%, 31%, 10%
CMY	0.7964, 0.6944, 0.9022
CMYK	0.33, 0.00, 0.68, 0.69
HSL	89°, 52%, 20%
HSV	89°, 68%, 31%
XYZ	4.3059, 6.2359, 1.8923
YIQ	64.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

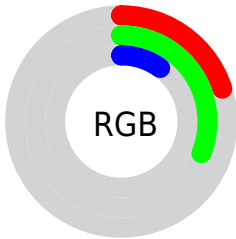
Format	Color
RYB	25, 78, 51
Decimal	3427865
CIELab	30.00, -20.03, 27.51
CIELCh	30, 34.027, 126.067
Yxy	6.2359, 0.3463, 0.5015
Android (android.graphics.Color)	4281617945 (0xFF344E19)
YUV	64.1840, -19.3177, -10.6854
Hunter-Lab	24.9718, -12.9216, 12.9874

Details

The CIELCh color **30, 34.027, 126.067** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15, 37.434, 311.878**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 33.758, 125.793**, and **10, 24.478, 142.269** is the 20% darker color. If you saturate the color by 10%, you get **30, 38.068, 125.978**, and if you desaturate by 10%, it is **30, 29.525, 126.334**.

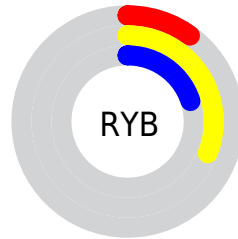
Distribution



Red (20%)

Green (31%)

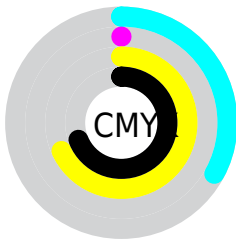
Blue (10%)



Red (10%)

Yellow (31%)

Blue (20%)

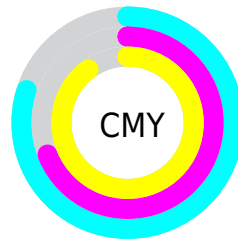


Cyan (33%)

Magenta (0%)

Yellow (68%)

Black (69%)



Cyan (80%)


Magenta (69%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 34.027, 126.067 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, 34.027, 126.067 by changing the saturation by 10% instead.


 30, 34.027,
126.067


 30, 34.027,
126.067

 100, 34.027,
126.067


 20, 34.027,
126.067


 50, 34.027,
126.067


 10, 34.027,
126.067

 60, 34.027,
126.067

 0, 34.027, 126.067

 70, 34.027,
126.067

 80, 34.027,
126.067

 90, 34.027,
126.067

■ 30, 34.027,
126.067

■ 30, 34.027,
126.067

■ 30, 38.068,
125.978

■ 30, 29.525,
126.334

■ 29, 41.468,
126.154

■ 31, 24.710,
126.704

■ 29, 44.733,
126.230

■ 31, 19.697,
127.127

■ 29, 45.425,
126.196

■ 32, 14.565,
127.569

■ 32, 9.373, 128.008

■ 33, 4.162, 128.436

■ 33, 1.038, 308.761

■ 34, 6.205, 309.175

■ 35, 11.322,

Harmonies

Complementary

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



30, 34.027, 126.067



15, 37.434, 311.878

Rectangle

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



30, 34.027, 126.067



30, 34.027, 176.067



30, 34.027, 306.067



30, 34.027, 356.067

Sweetspot

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



30, 34.027, 126.068



42, 13.006, 127.888



24, 23.004, 66.055



20, 8.761, 127.824



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, 34.027, 126.068



39, 48.831, 126.070



29, 39.011, 138.785



15, 2.856, 128.409



38, 55.017, 126.805



82, 100.655, 127.960

Inverse Universe

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



15, 37.434, 311.878



17, 55.034, 312.316



19, 38.628, 326.976



14, 2.891, 309.077



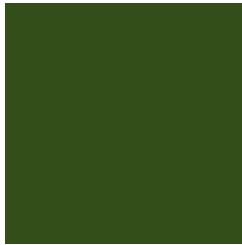
13, 63.425, 312.320



36, 115.637, 311.529

Previews

White Background



This preview shows how the CIELCh color 30, 34.027, 126.067 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 30, 34.027, 126.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

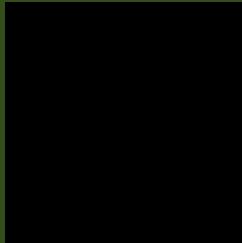
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 34.027, 126.067

Background



This preview shows how black text looks on a background with the CIELCh color 30, 34.027, 126.067.



This preview shows how white text looks on a background with the CIELCh color 30, 34.027, 126.067.

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](#).

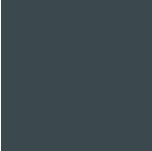
Dichromacy



Original Color
30, 34.027, 126.067

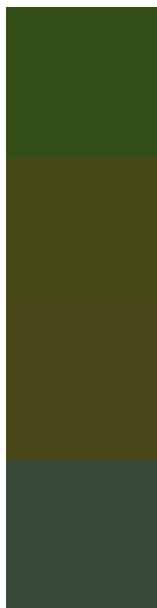
Protanopia
30, 29.325, 96.434

Deuteranopia
30, 26.407, 80.863



Tritanopia
30, 6.738, 233.645

Trichromacy



Original Color
30, 34.027, 126.067

Protanomaly
30, 30.053, 109.452

Deuteranomaly
30, 26.438, 100.643

Tritanomaly
30, 13.307, 147.513

Monochromacy



Original Color
30, 34.027, 126.067

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 12.890, 127.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 34.027, 126.067 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(52, 78, 25)` looks like.

```
.text, #text, p{  
    color:rgb(52, 78, 25)  
}
```

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(52, 78, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 78, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 34.027, 126.067 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(52, 78, 25) }
```

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

```
.border{ border-color:rgb(52, 78, 25) }
```

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

Here you see how a box with a 4 pixel rgb(52, 78, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 78, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 78, 25);  
box-shadow:4px 4px 4px 4px rgb(52, 78, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 34.027, 126.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 78, 25) }
```

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

```
.background{ background-color: rgb(52, 78,  
25) }
```

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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