

Converting Colors

CIELCh(30, 43.056, 144.417)

Have a look what the booklet for
CIELCh(30, 43.056, 144.417)
contains.

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Color

CIELCh(30, 43.089, 144.443)

Conversions

Conversions Part 1

Format	Color
Hex	01531D
RGB	1, 83, 29
RGB Percent	0%, 33%, 11%
CMY	0.9941, 0.6757, 0.8874
CMYK	0.98, 0.00, 0.65, 0.68
HSL	140°, 96%, 17%
HSV	140°, 98%, 32%
XYZ	3.3064, 6.2359, 2.1735
YIQ	52.3260, -31.5380, -34.1780

Conversions

Conversions Part 2

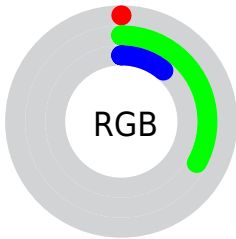
Format	Color
R_{YB}	1, 62, 83
Decimal	86813
CIE _{Lab}	30.00, -35.05, 25.06
CIE _{LCh}	30, 43.089, 144.443
Yxy	6.2359, 0.2822, 0.5323
Android (android.graphics.Color)	4278276893 (0xFF01531D)
YUV	52.3260, -11.4997, -45.0129
Hunter-Lab	24.9718, -20.0661, 12.3198

Details

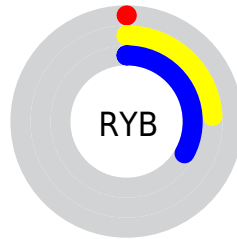
The CIELCh color **30, 43.089, 144.443** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16, 40.118, 345.268**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 42.871, 144.759**, and **12, 28.494, 142.987** is the 20% darker color. If you saturate the color by 10%, you get **30, 43.653, 144.205**, and if you desaturate by 10%, it is **30, 39.895, 145.977**.

Distribution



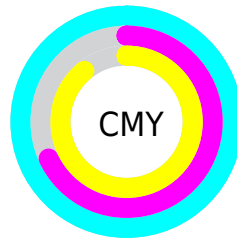
- Red (0%)
- Green (33%)
- Blue (11%)



- Red (0%)
- Yellow (24%)
- Blue (33%)



- Cyan (98%)
- Magenta (0%)
- Yellow (65%)
- Black (68%)





- Cyan (99%)
- Magenta (68%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 43.089, 144.443 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, 43.089, 144.443 by changing the saturation by 10% instead.


 30, 43.089,
144.443


 30, 43.089,
144.443

 100, 43.089,
144.443


 20, 43.089,
144.443


 50, 43.089,
144.443


 10, 43.089,
144.443

 60, 43.089,
144.443

 0, 43.089, 144.443

 70, 43.089,
144.443

 80, 43.089,
144.443

 90, 43.089,
144.443

■ 30, 43.089,
144.443

■ 30, 43.089,
144.443

■ 30, 43.653,
144.205

■ 30, 39.895,
145.977

■ 30, 36.437,
147.644

■ 31, 32.553,
149.155

■ 31, 28.301,
150.505

■ 32, 23.751,
151.701

■ 32, 18.982,
152.755

■ 33, 14.069,
153.685

■ 34, 9.080, 154.510

Harmonies

Complementary

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



30, 43.089, 144.443



16, 40.118, 345.268

Rectangle

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



30, 43.089, 144.443



30, 43.089, 194.443



30, 43.089, 324.443



30, 43.089, 14.443

Sweetspot

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



30, 43.089, 144.443



42, 17.909, 153.526



32, 44.595, 120.197



20, 12.136, 153.304



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



30, 43.089, 144.443



39, 53.190, 143.416



31, 25.613, 176.057



16, 2.750, 155.222



38, 52.216, 143.482



81, 96.930, 141.955

Inverse Universe

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



16, 40.118, 345.268



22, 48.180, 346.308



15, 39.114, 25.357



15, 2.765, 336.265



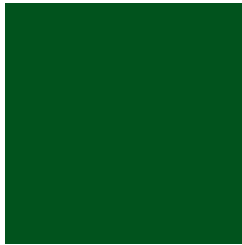
22, 47.393, 346.240



51, 83.891, 347.954

Previews

White Background



This preview shows how the CIELCh color 30, 43.089, 144.443 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 CIELCh color 30, 43.089, 144.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

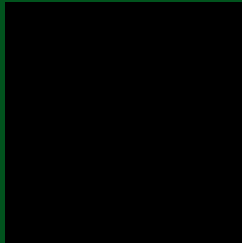
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 43.089, 144.443

Background



This preview shows how black text looks on a background with the CIELCh color 30, 43.089, 144.443.



This preview shows how white text looks on a background with the CIELCh color 30, 43.089, 144.443.

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, 43.188, 144.573

Protanopia

30, 28.304, 96.358

Deuteranopia

30, 23.960, 80.397



Tritanopia
30, 15.500, 214.356

Trichromacy



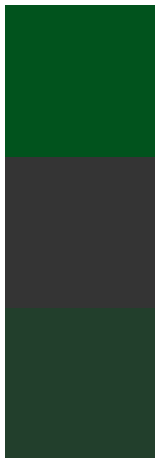
Original Color
30, 43.188, 144.573

Protanomaly
29, 31.848, 126.105

Deuteranomaly
29, 26.478, 122.644

Tritanomaly
30, 22.779, 171.088

Monochromacy



Original Color
30, 43.188, 144.573

Achromatopsia
22, 0.004, 296.813

Achromatomaly
24, 18.026, 152.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 43.089, 144.443 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(1, 83, 29)` looks like.

```
.text, #text, p{  
    color:rgb(1, 83, 29)  
}
```

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(1, 83, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 83, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 43.089, 144.443 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(1, 83, 29) }
```

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

```
.border{ border-color:rgb(1, 83, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 83, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 83, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 83, 29); box-shadow:4px  
4px 4px 4px rgb(1, 83, 29) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 43.089, 144.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 83, 29) }
```

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

```
.background{ background-color: rgb(1, 83,  
29) }
```

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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