

Converting Colors

CIELCh(27, 43.283, 126.412)

Have a look what the booklet for
CIELCh(27, 43.283, 126.412)
contains.

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Color

CIELCh(27, 43.534, 126.643)

Conversions

Conversions Part 1

Format	Color
Hex	244900
RGB	36, 73, 0
RGB Percent	14%, 29%, 0%
CMY	0.8601, 0.7149, 1.0000
CMYK	0.51, 0.00, 1.00, 0.71
HSL	91°, 100%, 14%
HSV	91°, 100%, 29%
XYZ	3.0774, 5.0937, 0.8125
YIQ	53.6150, 1.3810, -30.5470

Conversions

Conversions Part 2

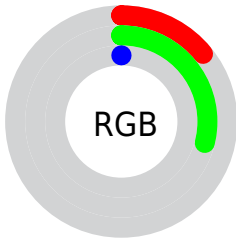
Format	Color
RYB	0, 73, 37
Decimal	2377984
CIELab	27.00, -25.98, 34.93
CIELCh	27, 43.534, 126.643
Yxy	5.0937, 0.3426, 0.5670
Android (android.graphics.Color)	4280568064 (0xFF244900)
YUV	53.6150, -26.4322, -15.4484
Hunter-Lab	22.5692, -15.1567, 13.6640

Details

The CIELCh color **27, 43.534, 126.643** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8, 49.825, 313.277**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 43.302, 126.533**, and **9, 22.100, 144.361** is the 20% darker color. If you saturate the color by 10%, you get **27, 43.428, 126.716**, and if you desaturate by 10%, it is **27, 40.149, 126.774**.

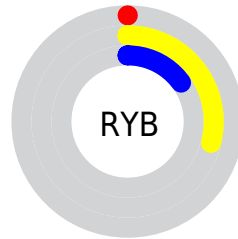
Distribution



Red (14%)

Green (29%)

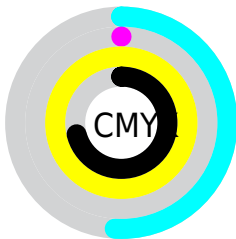
Blue (0%)



Red (0%)

Yellow (29%)

Blue (15%)

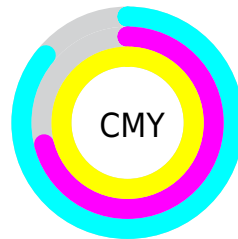


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (86%)

Magenta (71%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 43.534, 126.643 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 27, 43.534, 126.643 by changing the saturation by 10% instead.

 27, 43.534,
126.643


 27, 43.534,
126.643

 100, 43.534,
126.643


 17, 43.534,
126.643

 47, 43.534,
126.643


 7, 43.534, 126.643

 57, 43.534,
126.643

 0, 43.534, 126.643

 67, 43.534,
126.643

 77, 43.534,
126.643

 87, 43.534,
126.643

 97, 43.534,

126.643

■ 27, 43.534,
126.643

■ 27, 43.534,
126.643

■ 27, 43.428,
126.716

■ 27, 40.149,
126.774

■ 28, 36.920,
126.627

■ 28, 33.144,
126.697

■ 28, 28.915,
126.948

■ 28, 24.379,
127.306

■ 29, 19.643,
127.720

■ 29, 14.787,
128.154

■ 30, 9.869, 128.587

■ 30, 4.928, 129.007

Harmonies

Complementary

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



27, 43.534, 126.643



8, 49.825, 313.277

Rectangle

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



27, 43.534, 126.643



27, 43.534, 176.643



27, 43.534, 306.643



27, 43.534, 356.643

Sweetspot

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



27, 43.428, 126.716



38, 18.350, 128.103



19, 31.001, 62.262



19, 12.617, 128.010



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



27, 43.428, 126.716



35, 52.315, 127.258



26, 48.302, 136.163



14, 2.704, 129.067



37, 54.332, 127.369



81, 100.402, 128.560

Inverse Universe

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



8, 49.825, 313.277



12, 59.773, 312.851



15, 46.719, 328.233



13, 2.735, 309.709



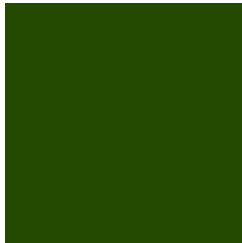
13, 62.054, 312.775



36, 114.198, 311.957

Previews

White Background



This preview shows how the CIELCh color 27, 43.534, 126.643 looks on a white background.

Color Contrast Check

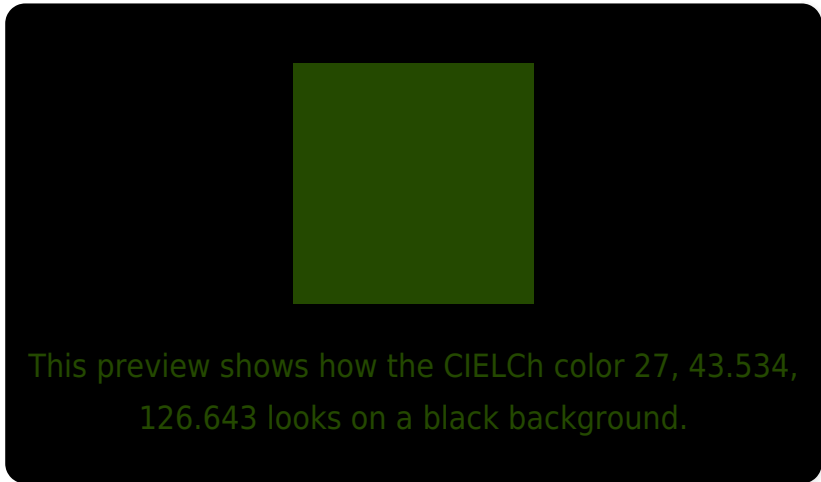
Large Text (above 18pt) WCAG AA ✓ Pass

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

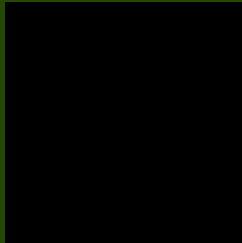
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 43.534, 126.643

Background



This preview shows how black text looks on a background with the CIELCh color 27, 43.534, 126.643.



This preview shows how white text looks on a background with the CIELCh color 27, 43.534, 126.643.

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

27, 43.534, 126.643

Protanopia

27, 35.982, 96.040

Deuteranopia

27, 30.135, 84.314



Tritanopia
27, 9.147, 219.126

Trichromacy



Original Color
27, 43.534, 126.643

Protanomaly
27, 37.165, 109.460

Deuteranomaly
26, 32.061, 104.628

Tritanomaly
27, 19.992, 145.867

Monochromacy



Original Color
27, 43.534, 126.643

Achromatopsia
22, 0.004, 296.813

Achromatomaly
24, 18.066, 127.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 43.534, 126.643 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(36, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 73, 0)  
}
```

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(36, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 73, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 43.534, 126.643 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(36, 73, 0) }
```

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

```
.border{ border-color:rgb(36, 73, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 73, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 73, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 73, 0); box-shadow:4px  
4px 4px 4px rgb(36, 73, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 43.534, 126.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 73, 0) }
```

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

```
.background{ background-color: rgb(36, 73,  
0) }
```

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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