

Converting Colors

CIELCh(18, 34.383, 142.200)

Have a look what the booklet for
CIELCh(18, 34.383, 142.200)
contains.

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Color

CIELCh(18, 34.417, 141.926)

Conversions

Conversions Part 1

Format	Color
Hex	003409
RGB	0, 52, 9
RGB Percent	0%, 20%, 4%
CMY	1.0000, 0.7941, 0.9634
CMYK	1.00, 0.00, 0.82, 0.79
HSL	131°, 100%, 10%
HSV	131°, 100%, 21%
XYZ	1.2962, 2.5180, 0.6859
YIQ	31.5500, -17.1890, -24.3970

Conversions

Conversions Part 2

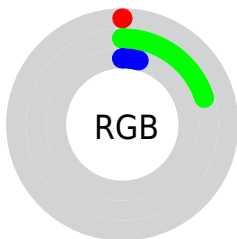
Format	Color
R_{YB}	0, 44, 52
Decimal	13321
CIE Lab	18.00, -27.09, 21.22
CIE LCh	18, 34.417, 141.926
Yxy	2.5180, 0.2880, 0.5595
Android (android.graphics.Color)	4278203401 (0xFF003409)
YUV	31.5500, -11.1171, -27.6693
Hunter-Lab	15.8683, -13.1887, 8.5452

Details

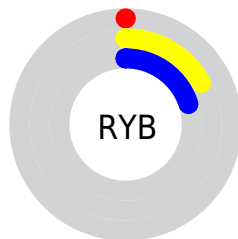
The CIELCh color **18, 34.417, 141.926** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8, 33.579, 335.322**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 34.116, 141.506**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 34.346, 141.797**, and if you desaturate by 10%, it is **18, 31.845, 142.022**.

Distribution



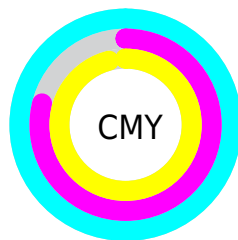
- Red (0%)
- Green (20%)
- Blue (4%)



- Red (0%)
- Yellow (17%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (79%)





- Cyan (100%)
- Magenta (79%)
- Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 34.417, 141.926 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 18, 34.417, 141.926 by changing the saturation by 10% instead.

 18, 34.417,
141.926


 18, 34.417,
141.926

 100, 34.417,
141.926

 8, 34.417, 141.926


 38, 34.417,
141.926

 0, 34.417, 141.926

 48, 34.417,
141.926


 58, 34.417,
141.926


 68, 34.417,
141.926


 78, 34.417,
141.926


 88, 34.417,


141.926


 98, 34.417,
141.926


 18, 34.417,
141.926


 18, 34.417,
141.926


 18, 34.346,
141.797

 18, 31.845,
142.022

 18, 29.056,
142.959

 19, 25.972,
144.172

 19, 22.614,
145.281

 19, 19.046,
146.277

■ 20, 15.331,
147.164

■ 20, 11.523,
147.949

■ 21, 7.673, 148.643

■ 21, 3.820, 149.265

Harmonies

Complementary

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



18, 34.417, 141.926



8, 33.579, 335.322

Rectangle

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



18, 34.417, 141.926



18, 34.417, 191.926



18, 34.417, 321.926



18, 34.417, 11.926

Sweetspot

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



18, 34.346, 141.797



27, 14.462, 147.831



20, 30.463, 112.632



13, 9.965, 147.743



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



18, 34.346, 141.797



25, 42.317, 140.142



18, 22.606, 163.233



9, 2.057, 149.375



32, 51.375, 139.377



76, 101.098, 137.957

Inverse Universe

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



8, 33.579, 335.322



13, 39.792, 335.764



7, 27.373, 7.024



8, 2.063, 330.149



18, 47.221, 336.124



49, 88.870, 336.951

Previews

White Background



This preview shows how the CIELCh color 18, 34.417, 141.926 looks on a white background.

Color Contrast Check

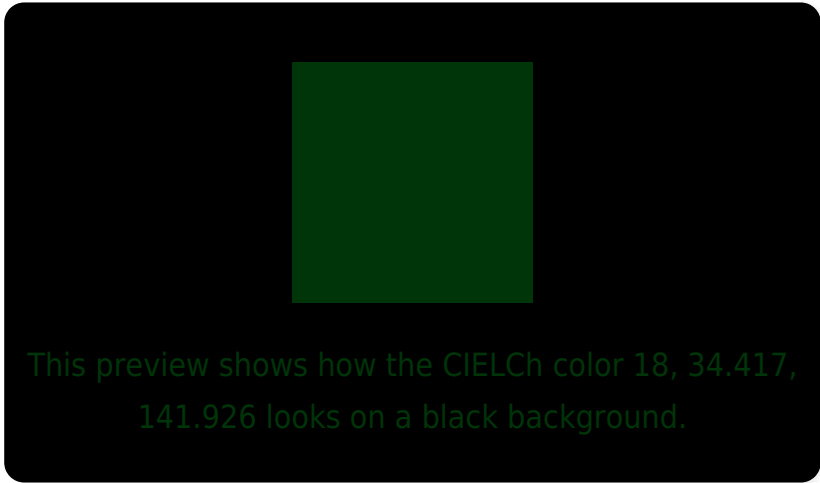
Large Text (above 18pt) WCAG AA ✓ Pass

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

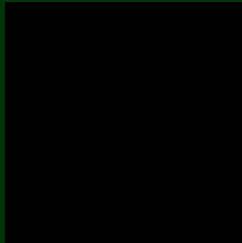
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 34.417, 141.926

Background



This preview shows how black text looks on a background with the CIELCh color 18, 34.417, 141.926.



This preview shows how white text looks on a background with the CIELCh color 18, 34.417, 141.926.

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](#).

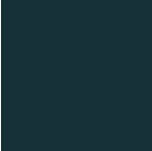
Dichromacy



Original Color
18, 34.172, 141.793

Protanopia
18, 23.495, 96.234

Deuteranopia
18, 20.584, 84.362



Tritanopia
18, 10.594, 212.723

Trichromacy



Original Color
18, 34.172, 141.793

Protanomaly
18, 25.977, 123.463

Deuteranomaly
17, 22.370, 118.801

Tritanomaly
18, 17.344, 164.927

Monochromacy



Original Color
18, 34.172, 141.793

Achromatopsia
12, 0.003, 296.813

Achromatomaly
14, 14.132, 147.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 34.417, 141.926 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(0, 52, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 9)  
}
```

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(0, 52, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 34.417, 141.926 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(0, 52, 9) }
```

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

```
.border{ border-color:rgb(0, 52, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 52, 9); box-shadow:4px  
4px 4px 4px rgb(0, 52, 9) }
```

Background

The CSS property to change the background color of an element to CIELCh 18, 34.417, 141.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 9) }
```

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

```
.background{ background-color: rgb(0, 52,  
9) }
```

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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