

Converting Colors

CIELCh(18, 26.692, 152.596)

Have a look what the booklet for
CIELCh(18, 26.692, 152.596)
contains.

CIELCh(18, 26.947, 152.054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(18, 26.947, 152.054)

Conversions

Conversions Part 1

Format	Color
Hex	013419
RGB	1, 52, 25
RGB Percent	0%, 20%, 10%
CMY	0.9966, 0.7967, 0.9025
CMYK	0.98, 0.00, 0.52, 0.80
HSL	148°, 97%, 10%
HSV	148°, 98%, 20%
XYZ	1.4062, 2.5180, 1.3241
YIQ	33.6730, -21.7290, -19.2090

Conversions

Conversions Part 2

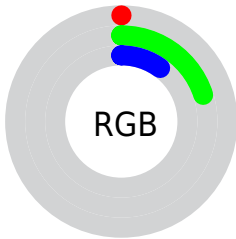
Format	Color
R_{YB}	1, 36, 52
Decimal	78873
CIE _{Lab}	18.00, -23.80, 12.63
CIE _{LCh}	18, 26.947, 152.054
Yxy	2.5180, 0.2679, 0.4798
Android (android.graphics.Color)	4278268953 (0xFF013419)
YUV	33.6730, -4.2758, -28.6542
Hunter-Lab	15.8683, -11.9510, 6.1605

Details

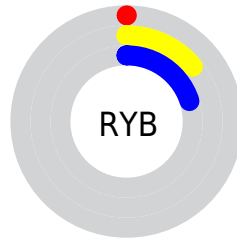
The CIELCh color **18, 26.947, 152.054** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7, 27.854, 352.643**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 27.028, 151.857**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 27.337, 151.905**, and if you desaturate by 10%, it is **18, 24.623, 153.112**.

Distribution



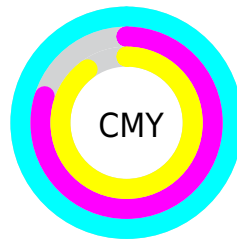
- Red (0%)
- Green (20%)
- Blue (10%)



- Red (0%)
- Yellow (14%)
- Blue (20%)



- Cyan (98%)
- Magenta (0%)
- Yellow (52%)
- Black (80%)





- Cyan (100%)
- Magenta (80%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 26.947, 152.054 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, 26.947, 152.054 by changing the saturation by 10% instead.

 18, 26.947,
152.054


 18, 26.947,
152.054


 100, 26.947,
152.054


 8, 26.947, 152.054


 38, 26.947,
152.054

 0, 26.947, 152.054

 48, 26.947,
152.054

 58, 26.947,
152.054


 68, 26.947,
152.054


 78, 26.947,
152.054


 88, 26.947,


152.054

 98, 26.947,
152.054


 18, 26.947,
152.054


 18, 26.947,
152.054


 18, 27.337,
151.905

 18, 24.623,
153.112

 18, 22.335,
154.473

 19, 19.908,
155.832

 19, 17.289,
157.053

 19, 14.512,
158.150

■ 20, 11.613,
159.137

■ 20, 8.630, 160.028

■ 21, 5.596, 160.842

■ 21, 2.542, 161.607

Harmonies

Complementary

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



18, 26.947, 152.054



7, 27.854, 352.643

Rectangle

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



18, 26.947, 152.054



18, 26.947, 202.054



18, 26.947, 332.054



18, 26.947, 22.054

Sweetspot

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



18, 26.947, 152.054



26, 11.212, 159.759



19, 32.047, 126.210



12, 7.480, 159.700



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



18, 26.947, 152.054



24, 32.805, 150.704



19, 16.449, 192.203



9, 1.660, 161.618



33, 41.060, 149.546



76, 81.572, 147.464

Inverse Universe

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



7, 27.854, 352.643



11, 32.978, 354.472



7, 27.082, 20.861



8, 1.675, 342.602



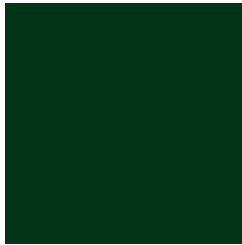
17, 40.028, 356.223



47, 75.322, 359.713

Previews

White Background



This preview shows how the CIELCh color 18, 26.947, 152.054 looks on a white background.

Color Contrast Check

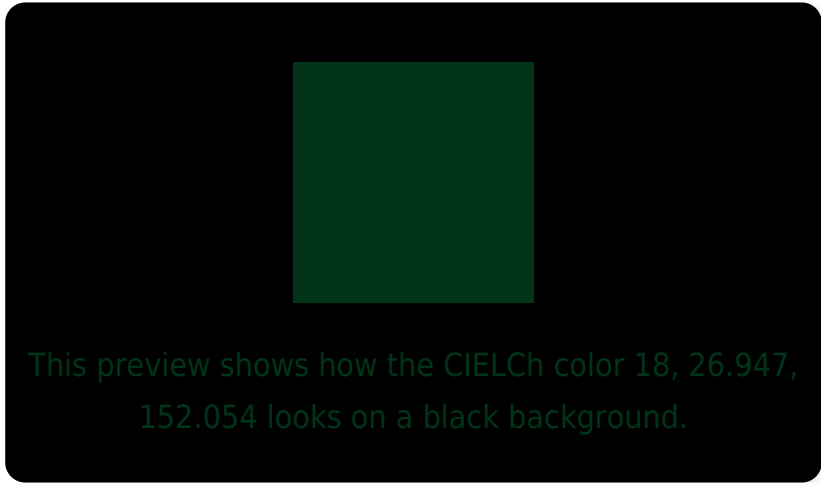
Large Text (above 18pt) WCAG AA ✓ Pass

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

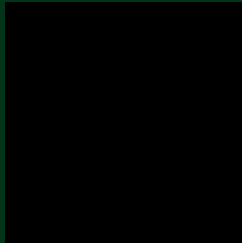
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 26.947, 152.054

Background



This preview shows how black text looks on a background with the CIELCh color 18, 26.947, 152.054.



This preview shows how white text looks on a background with the CIELCh color 18, 26.947, 152.054.

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, 26.947, 152.054

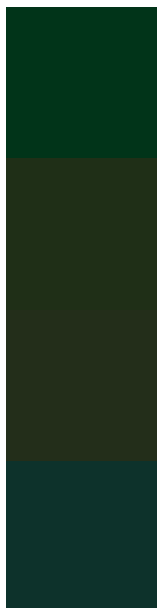
Protanopia
18, 15.631, 98.208

Deuteranopia
18, 12.544, 79.113



Tritanopia
18, 11.138, 211.872

Trichromacy



Original Color
18, 26.947, 152.054

Protanomaly
17, 18.110, 132.632

Deuteranomaly
17, 14.704, 129.157

Tritanomaly
18, 15.167, 177.762

Monochromacy



Original Color
18, 26.947, 152.054

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 10.652, 160.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 26.947, 152.054 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, 52, 25)` looks like.

```
.text, #text, p{  
    color:rgb(1, 52, 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(1, 52, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 52, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 26.947, 152.054 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, 52, 25) }
```

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

```
.border{ border-color:rgb(1, 52, 25) }
```

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

Here you see how a box with a 4 pixel rgb(1, 52, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 52, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 52, 25); box-shadow:4px  
4px 4px 4px rgb(1, 52, 25) }
```

Background

The CSS property to change the background color of an element to CIELCh 18, 26.947, 152.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 52, 25) }
```

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

```
.background{ background-color: rgb(1, 52,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor