

Converting Colors

CIELCh(24, 26.883, 161.187)

Have a look what the booklet for
CIELCh(24, 26.883, 161.187)
contains.

CIELCh(24, 26.945, 160.952)	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(24, 26.945, 160.952)

Conversions

Conversions Part 1

Format	Color
Hex	01422B
RGB	1, 66, 43
RGB Percent	0%, 26%, 17%
CMY	0.9952, 0.7405, 0.8307
CMYK	0.98, 0.00, 0.35, 0.74
HSL	159°, 96%, 13%
HSV	159°, 98%, 26%
XYZ	2.4126, 4.1002, 2.9652
YIQ	43.9430, -31.3570, -20.9330

Conversions

Conversions Part 2

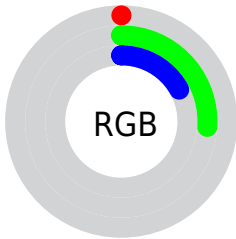
Format	Color
R_{YB}	1, 40, 66
Decimal	82475
CIE _{Lab}	24.00, -25.47, 8.79
CIE _{LCh}	24, 26.945, 160.952
Yxy	4.1002, 0.2545, 0.4326
Android (android.graphics.Color)	4278272555 (0xFF01422B)
YUV	43.9430, -0.4649, -37.6610
Hunter-Lab	20.2490, -14.1680, 5.4922

Details

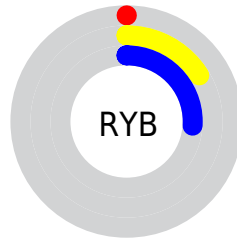
The CIELCh color **24, 26.945, 160.952** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11, 31.562, 8.659**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 27.257, 160.161**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 27.319, 160.720**, and if you desaturate by 10%, it is **24, 24.948, 162.352**.

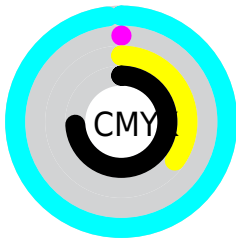
Distribution



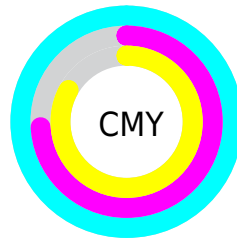
- Red (0%)
- Green (26%)
- Blue (17%)



- Red (0%)
- Yellow (16%)
- Blue (26%)



- Cyan (98%)
- Magenta (0%)
- Yellow (35%)
- Black (74%)





- Cyan (100%)
- Magenta (74%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 26.945, 160.952 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 24, 26.945, 160.952 by changing the saturation by 10% instead.

 24, 26.945,
160.952


 24, 26.945,
160.952

 100, 26.945,
160.952


 14, 26.945,
160.952


 44, 26.945,
160.952


 4, 26.945, 160.952

 54, 26.945,
160.952

 0, 26.945, 160.952

 64, 26.945,
160.952

 74, 26.945,
160.952

 84, 26.945,
160.952

 94, 26.945,

160.952

■ 24, 26.945,
160.952

■ 24, 26.945,
160.952

■ 24, 27.319,
160.720

■ 24, 24.948,
162.352

■ 24, 22.928,
163.926

■ 25, 20.642,
165.371

■ 25, 18.091,
166.676

■ 25, 15.309,
167.860

■ 26, 12.337,
168.938

■ 26, 9.218, 169.929

■ 27, 5.995, 170.850

■ 28, 2.706, 171.737

Harmonies

Complementary

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



24, 26.945, 160.952



11, 31.562, 8.659

Rectangle

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



24, 26.945, 160.952



24, 26.945, 210.952



24, 26.945, 340.952



24, 26.945, 30.952

Sweetspot

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



24, 26.945, 160.952



35, 11.857, 169.728



24, 41.278, 130.437



16, 7.991, 169.553



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



24, 26.945, 160.952



32, 33.341, 159.694



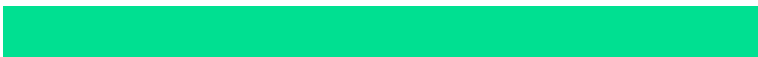
22, 16.597, 217.743



12, 1.847, 171.704



36, 36.233, 159.333



79, 68.968, 157.496

Inverse Universe

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



11, 31.562, 8.659



16, 38.634, 11.473



12, 31.678, 34.356



12, 1.882, 352.927



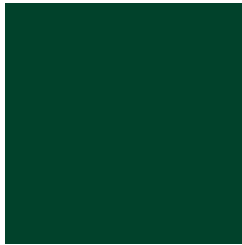
19, 41.801, 12.336



48, 78.100, 16.838

Previews

White Background



This preview shows how the CIELCh color 24, 26.945, 160.952 looks on a white background.

Color Contrast Check

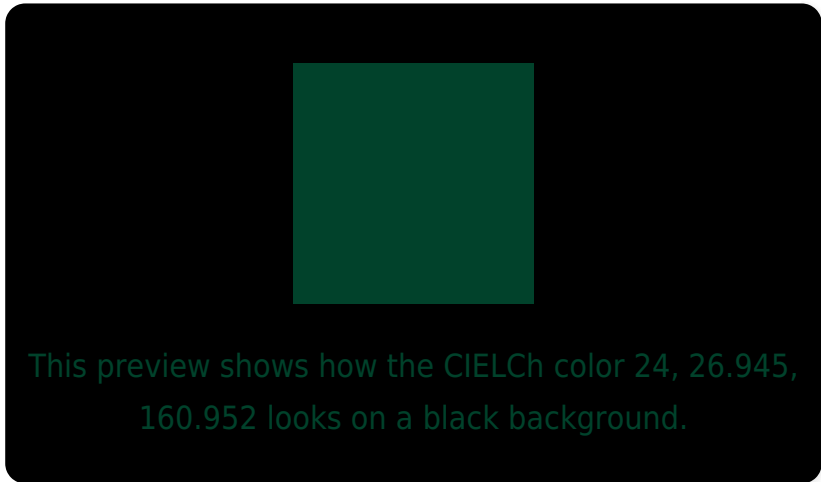
Large Text (above 18pt) WCAG AA ✓ Pass

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

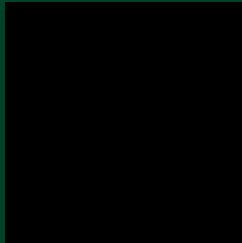
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 26.945, 160.952

Background



This preview shows how black text looks on a background with the CIELCh color 24, 26.945, 160.952.



This preview shows how white text looks on a background with the CIELCh color 24, 26.945, 160.952.

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

24, 26.945, 160.952

Protanopia

24, 12.089, 95.501

Deuteranopia

24, 8.465, 64.285



Tritanopia
24, 14.165, 210.896

Trichromacy



Original Color
24, 26.945, 160.952

Protanomaly
23, 15.678, 143.787

Deuteranomaly
23, 11.938, 146.432

Tritanomaly
24, 17.482, 185.467

Monochromacy



Original Color
24, 26.945, 160.952

Achromatopsia
18, 0.003, 296.813

Achromatomaly
20, 11.878, 169.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 26.945, 160.952 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, 66, 43)` looks like.

```
.text, #text, p{  
    color:rgb(1, 66, 43)  
}
```

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, 66, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 66, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 26.945, 160.952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

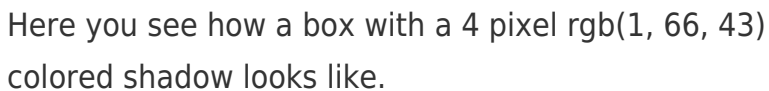
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(1, 66, 43) }
```

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

```
.border{ border-color:rgb(1, 66, 43) }
```

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



Here you see how a box with a 4 pixel `rgb(1, 66, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 66, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 66, 43); box-shadow:4px  
4px 4px 4px rgb(1, 66, 43) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 26.945, 160.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 66, 43) }
```

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

```
.background{ background-color: rgb(1, 66,  
43) }
```

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