

Converting Colors

CIELCh(27, 34.083, 152.080)

Have a look what the booklet for
CIELCh(27, 34.083, 152.080)
contains.

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Color

CIELCh(27, 33.918, 152.051)

Conversions

Conversions Part 1

Format	Color
Hex	024A26
RGB	2, 74, 38
RGB Percent	1%, 29%, 15%
CMY	0.9905, 0.7087, 0.8499
CMYK	0.97, 0.00, 0.48, 0.71
HSL	150°, 94%, 15%
HSV	150°, 97%, 29%
XYZ	2.8526, 5.0937, 2.6888
YIQ	48.3680, -31.3560, -26.4600

Conversions

Conversions Part 2

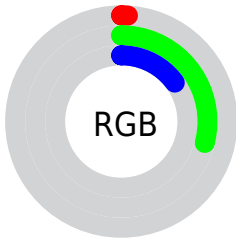
Format	Color
RYB	2, 50, 74
Decimal	150054
CIELab	27.00, -29.96, 15.90
CIELCh	27, 33.918, 152.051
Yxy	5.0937, 0.2682, 0.4790
Android (android.graphics.Color)	4278340134 (0xFF024A26)
YUV	48.3680, -5.1114, -40.6647
Hunter-Lab	22.5692, -16.9350, 8.7349

Details

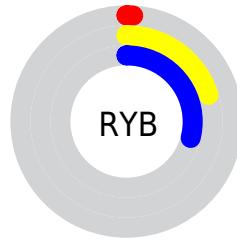
The CIELCh color **27, 33.918, 152.051** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14, 34.387, 356.800**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 34.364, 151.658**, and **9, 23.127, 144.258** is the 20% darker color. If you saturate the color by 10%, you get **27, 34.772, 151.595**, and if you desaturate by 10%, it is **27, 31.310, 153.646**.

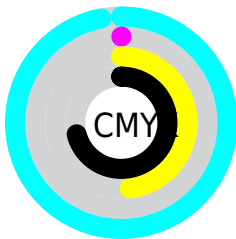
Distribution



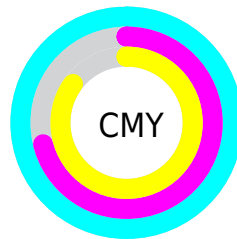
- Red (1%)
- Green (29%)
- Blue (15%)



- Red (1%)
- Yellow (20%)
- Blue (29%)



- Cyan (97%)
- Magenta (0%)
- Yellow (48%)
- Black (71%)





- Cyan (99%)
- Magenta (71%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 33.918, 152.051 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, 33.918, 152.051 by changing the saturation by 10% instead.

 27, 33.918,
152.051


 27, 33.918,
152.051

 100, 33.918,
152.051


 17, 33.918,
152.051


 47, 33.918,
152.051


 7, 33.918, 152.051

 57, 33.918,
152.051

 0, 33.918, 152.051

 67, 33.918,
152.051

 77, 33.918,
152.051

 87, 33.918,
152.051

 97, 33.918,

152.051

■ 27, 33.918,
152.051

■ 27, 33.918,
152.051

■ 27, 34.772,
151.595

■ 27, 31.310,
153.646

■ 27, 28.553,
155.326

■ 28, 25.473,
156.836

■ 28, 22.104,
158.185

■ 29, 18.494,
159.390

■ 29, 14.697,
160.468

■ 30, 10.769,
161.439

■ 30, 6.762, 162.322

■ 31, 2.721, 163.158

Harmonies

Complementary

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



27, 33.918, 152.051



14, 34.387, 356.800

Rectangle

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



27, 33.918, 152.051



27, 33.918, 202.051



27, 33.918, 332.051



27, 33.918, 22.051

Sweetspot

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



27, 33.918, 152.051



39, 14.526, 161.122



28, 42.706, 125.899



18, 9.818, 160.915



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, 33.918, 152.051



35, 42.524, 150.641



28, 20.492, 194.181



15, 2.308, 162.992



37, 44.223, 150.481



80, 82.930, 148.732

Inverse Universe

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



14, 34.387, 356.800



19, 41.989, 359.060



13, 37.004, 30.030



14, 2.334, 344.171



20, 43.494, 359.337



49, 78.192, 2.539

Previews

White Background



This preview shows how the CIELCh color 27, 33.918, 152.051 looks on a white background.

Color Contrast Check

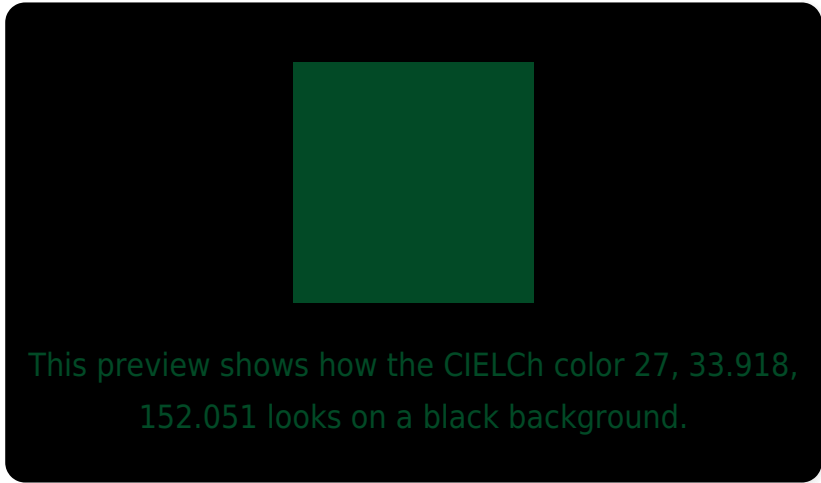
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.918, 152.051

Background



This preview shows how black text looks on a background with the CIELCh color 27, 33.918, 152.051.



This preview shows how white text looks on a background with the CIELCh color 27, 33.918, 152.051.

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, 33.918, 152.051

Protanopia
27, 18.859, 95.404

Deuteranopia
27, 15.448, 75.649



Tritanopia
27, 14.835, 212.729

Trichromacy



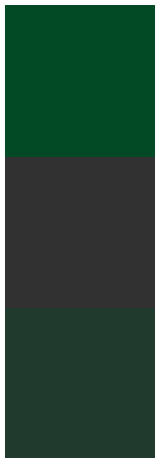
Original Color
27, 33.918, 152.051

Protanomaly
26, 22.909, 133.282

Deuteranomaly
26, 18.389, 131.388

Tritanomaly
27, 20.061, 177.274

Monochromacy



Original Color
27, 33.918, 152.051

Achromatopsia
20, 0.004, 296.813

Achromatomaly
22, 14.475, 159.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 33.918, 152.051 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(2, 74, 38)` looks like.

```
.text, #text, p{  
    color:rgb(2, 74, 38)  
}
```

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(2, 74, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 74, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 33.918, 152.051 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(2, 74, 38) }
```

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

```
.border{ border-color:rgb(2, 74, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 74, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 74, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 74, 38); box-shadow:4px  
4px 4px 4px rgb(2, 74, 38) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 33.918, 152.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 74, 38) }
```

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

```
.background{ background-color: rgb(2, 74,  
38) }
```

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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