

Converting Colors

CIELCh(27, 26.463, 161.341)

Have a look what the booklet for
CIELCh(27, 26.463, 161.341)
contains.

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Color

CIELCh(27, 26.436, 161.188)

Conversions

Conversions Part 1

Format	Color
Hex	0D4932
RGB	13, 73, 50
RGB Percent	5%, 29%, 20%
CMY	0.9485, 0.7134, 0.8036
CMYK	0.82, 0.00, 0.31, 0.71
HSL	157°, 70%, 17%
HSV	157°, 82%, 29%
XYZ	3.1333, 5.0937, 3.8445
YIQ	52.4380, -28.3770, -19.8730

Conversions

Conversions Part 2

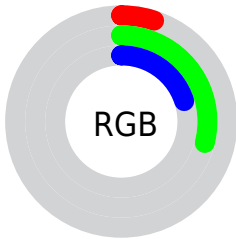
Format	Color
RYB	13, 50, 73
Decimal	870706
CIELab	27.00, -25.02, 8.52
CIELCh	27, 26.436, 161.188
Yxy	5.0937, 0.2596, 0.4220
Android (android.graphics.Color)	4279060786 (0xFF0D4932)
YUV	52.4380, -1.2019, -34.5871
Hunter-Lab	22.5692, -14.7149, 5.6987

Details

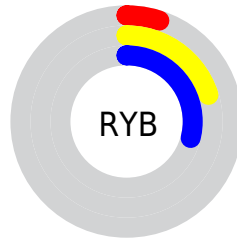
The CIELCh color **27, 26.436, 161.188** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15, 29.838, 2.380**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 26.440, 161.099**, and **9, 20.760, 146.847** is the 20% darker color. If you saturate the color by 10%, you get **27, 28.615, 159.527**, and if you desaturate by 10%, it is **27, 23.999, 162.756**.

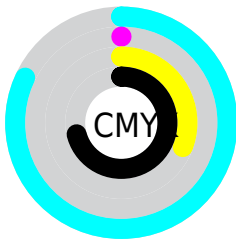
Distribution



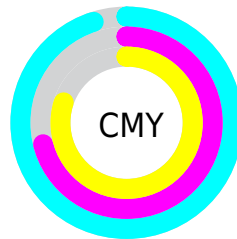
- Red (5%)
- Green (29%)
- Blue (20%)



- Red (5%)
- Yellow (20%)
- Blue (29%)



- Cyan (82%)
- Magenta (0%)
- Yellow (31%)
- Black (71%)



- Cyan (95%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 26.436, 161.188 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, 26.436, 161.188 by changing the saturation by 10% instead.

 27, 26.436,
161.188


 27, 26.436,
161.188

 100, 26.436,
161.188

 17, 26.436,
161.188

 47, 26.436,
161.188

 7, 26.436, 161.188

 57, 26.436,
161.188

 0, 26.436, 161.188

 67, 26.436,
161.188

 77, 26.436,
161.188

 87, 26.436,
161.188

 97, 26.436,

161.188

■ 27, 26.436,
161.188

■ 27, 26.436,
161.188

■ 27, 28.615,
159.527

■ 27, 23.999,
162.756

■ 27, 30.357,
158.369

■ 28, 21.257,
164.169

■ 28, 18.245,
165.442

■ 28, 15.007,
166.593

■ 29, 11.590,
167.640

■ 30, 8.046, 168.603

■ 30, 4.419, 169.503

■ 31, 0.750, 170.560

■ 32, 2.927, 350.954

Harmonies

Complementary

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



27, 26.436, 161.188



15, 29.838, 2.380

Rectangle

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



27, 26.436, 161.188



27, 26.436, 211.188



27, 26.436, 341.188



27, 26.436, 31.188

Sweetspot

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



27, 26.436, 161.187



38, 11.241, 168.237



27, 38.804, 129.555



19, 7.721, 168.065



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, 26.436, 161.187



35, 36.244, 157.784



26, 16.902, 210.559



14, 2.006, 169.814



37, 38.217, 157.289



80, 72.093, 155.491

Inverse Universe

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



15, 29.838, 2.380



18, 40.325, 8.808



15, 30.695, 34.678



13, 2.040, 351.057



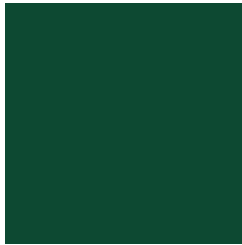
19, 42.398, 9.839



48, 78.071, 14.040

Previews

White Background



This preview shows how the CIELCh color 27, 26.436, 161.188 looks on a white background.

Color Contrast Check

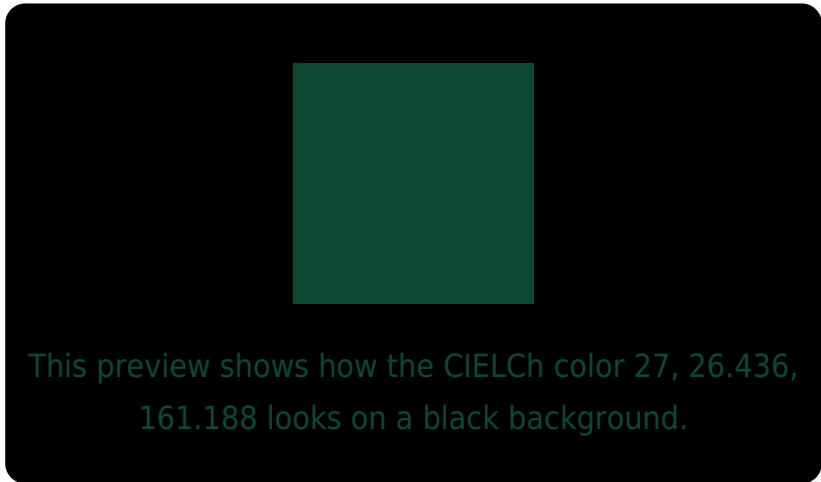
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.436, 161.188

Background



This preview shows how black text looks on a background with the CIELCh color 27, 26.436, 161.188.



This preview shows how white text looks on a background with the CIELCh color 27, 26.436, 161.188.

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, 26.436, 161.188

Protanopia
27, 11.872, 95.836

Deuteranopia
27, 8.203, 59.161



Tritanopia
27, 14.835, 212.729

Trichromacy



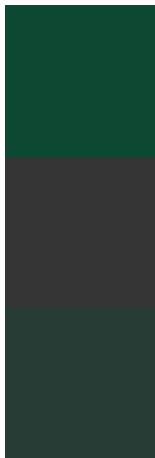
Original Color
27, 26.436, 161.188

Protanomaly
26, 15.431, 140.173

Deuteranomaly
26, 10.402, 143.347

Tritanomaly
27, 17.293, 187.977

Monochromacy



Original Color
27, 26.436, 161.188

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 11.033, 168.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 26.436, 161.188 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(13, 73, 50)` looks like.

```
.text, #text, p{  
    color:rgb(13, 73, 50)  
}
```

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(13, 73, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 73, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 26.436, 161.188 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(13, 73, 50) }
```

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

```
.border{ border-color:rgb(13, 73, 50) }
```

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

Here you see how a box with a 4 pixel rgb(13, 73, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 73, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 73, 50);  
box-shadow:4px 4px 4px 4px rgb(13, 73, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 26.436, 161.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 73, 50) }
```

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

```
.background{ background-color: rgb(13, 73,  
50) }
```

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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