

Converting Colors

CIELCh(19, 15.738, 186.375)

Have a look what the booklet for
CIELCh(19, 15.738, 186.375)
contains.

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Color

CIELCh(19, 15.703, 186.270)

Conversions

Conversions Part 1

Format	Color
Hex	083430
RGB	8, 52, 48
RGB Percent	3%, 20%, 19%
CMY	0.9674, 0.7951, 0.8108
CMYK	0.84, 0.00, 0.08, 0.80
HSL	175°, 73%, 12%
HSV	175°, 84%, 20%
XYZ	1.8813, 2.7468, 3.2531
YIQ	38.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

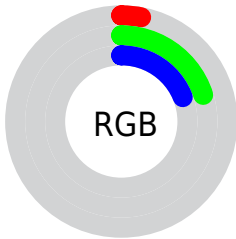
Format	Color
R_{YB}	8, 31, 52
Decimal	537648
CIE _{Lab}	19.00, -15.61, -1.71
CIE _{LCh}	19, 15.703, 186.270
Yxy	2.7468, 0.2387, 0.3485
Android (android.graphics.Color)	4278727728 (0xFF083430)
YUV	38.3880, 4.7387, -26.6503
Hunter-Lab	16.5735, -8.7412, -0.0362

Details

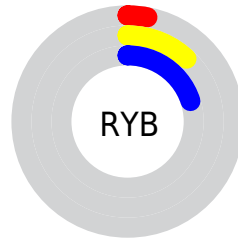
The CIELCh color **19, 15.703, 186.270** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9, 23.576, 20.237**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 15.779, 186.166**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **19, 16.824, 185.597**, and if you desaturate by 10%, it is **19, 14.559, 187.001**.

Distribution



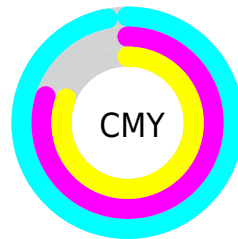
- Red (3%)
- Green (20%)
- Blue (19%)



- Red (3%)
- Yellow (12%)
- Blue (20%)



- Cyan (84%)
- Magenta (0%)
- Yellow (8%)
- Black (80%)





- Cyan (97%)
- Magenta (80%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 15.703, 186.270 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 19, 15.703, 186.270 by changing the saturation by 10% instead.

 19, 15.703,
186.270


 19, 15.703,
186.270


 100, 15.703,
186.270


 9, 15.703, 186.270


 39, 15.703,
186.270

 0, 15.703, 186.270

 49, 15.703,
186.270


 59, 15.703,
186.270


 69, 15.703,
186.270


 79, 15.703,
186.270


 89, 15.703,


186.270


 99, 15.703,
186.270


 19, 15.703,
186.270


 19, 15.703,
186.270

 19, 16.824,
185.597

 19, 14.559,
187.001

 19, 17.508,
185.237

 19, 13.186,
187.708

 20, 11.583,
188.391

 20, 9.772, 189.058

 20, 7.779, 189.716

 21, 5.632, 190.370

■ 21, 3.360, 191.034

■ 22, 0.991, 191.818

■ 22, 1.451, 12.091

Harmonies

Complementary

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



19, 15.703, 186.270



9, 23.576, 20.237

Rectangle

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



19, 15.703, 186.270



19, 15.703, 236.270



19, 15.703, 6.270



19, 15.703, 56.270

Sweetspot

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



19, 15.703, 186.269



28, 7.328, 190.223



18, 32.480, 137.214



13, 5.039, 190.159



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



19, 15.703, 186.269



26, 21.030, 184.681



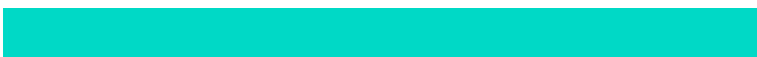
13, 14.643, 259.242



9, 1.303, 191.453



34, 25.166, 184.247



78, 48.268, 183.282

Inverse Universe

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



9, 23.576, 20.237



11, 34.841, 25.304



13, 19.156, 53.890



8, 1.351, 12.243



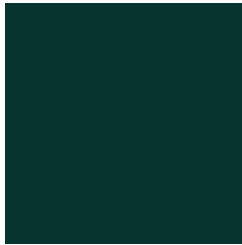
16, 43.430, 30.327



45, 88.653, 36.734

Previews

White Background



This preview shows how the CIELCh color 19, 15.703, 186.270 looks on a white background.

Color Contrast Check

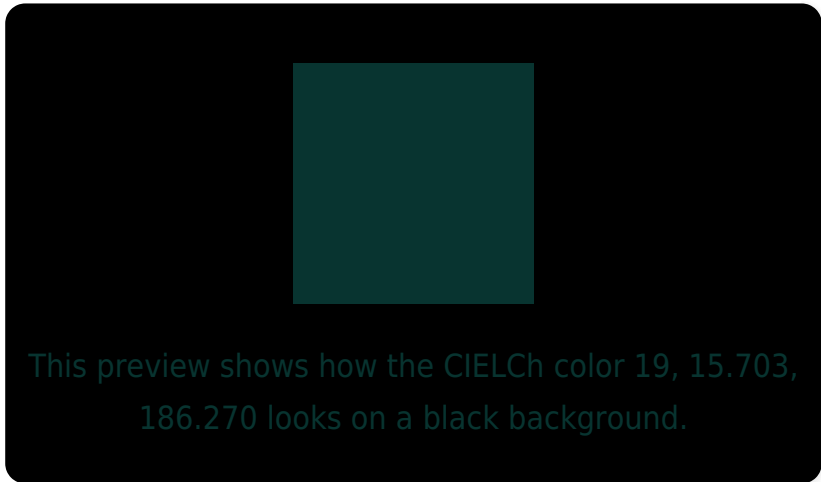
Large Text (above 18pt) WCAG AA ✓ Pass

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

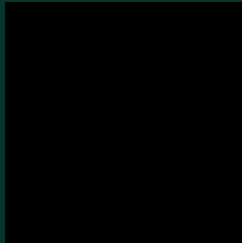
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 15.703, 186.270

Background



This preview shows how black text looks on a background with the CIELCh color 19, 15.703, 186.270.



This preview shows how white text looks on a background with the CIELCh color 19, 15.703, 186.270.

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](#).

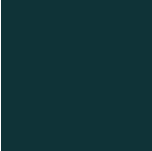
Dichromacy



Original Color
19, 15.703, 186.270

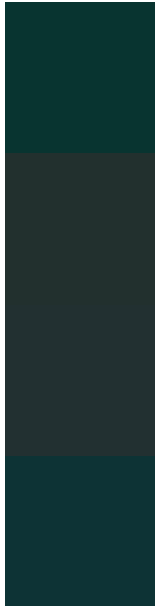
Protanopia
19, 1.168, 55.135

Deuteranopia
19, 3.918, 319.158



Tritanopia
19, 12.865, 209.568

Trichromacy



Original Color
19, 15.703, 186.270

Protanomaly
19, 6.418, 185.684

Deuteranomaly
19, 6.098, 204.746

Tritanomaly
19, 13.380, 202.890

Monochromacy



Original Color
19, 15.703, 186.270

Achromatopsia
16, 0.003, 296.813

Achromatomaly
17, 7.265, 186.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 15.703, 186.270 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(8, 52, 48)` looks like.

```
.text, #text, p{  
    color:rgb(8, 52, 48)  
}
```

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(8, 52, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 52, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 15.703, 186.270 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(8, 52, 48) }
```

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

```
.border{ border-color:rgb(8, 52, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 52, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 52, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 52, 48); box-shadow:4px  
4px 4px 4px rgb(8, 52, 48) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 15.703, 186.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 52, 48) }
```

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

```
.background{ background-color: rgb(8, 52,  
48) }
```

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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