

Converting Colors

CIELCh(15, 10.860, 205.806)

Have a look what the booklet for
CIELCh(15, 10.860, 205.806)
contains.

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Color

CIELCh(15, 10.995, 204.591)

Conversions

Conversions Part 1

Format	Color
Hex	0D2A2C
RGB	13, 42, 44
RGB Percent	5%, 16%, 17%
CMY	0.9498, 0.8360, 0.8281
CMYK	0.71, 0.05, 0.00, 0.83
HSL	184°, 55%, 11%
HSV	184°, 71%, 17%
XYZ	1.4366, 1.9086, 2.6588
YIQ	33.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

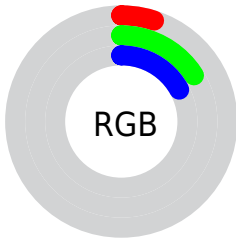
Format	Color
R_{YB}	13, 28, 44
Decimal	862764
CIE _{Lab}	15.00, -10.00, -4.58
CIE _{LCh}	15, 10.995, 204.591
Yxy	1.9086, 0.2393, 0.3179
Android (android.graphics.Color)	4279052844 (0xFF0D2A2C)
YUV	33.5570, 5.1484, -18.0285
Hunter-Lab	13.8151, -5.6152, -1.7401

Details

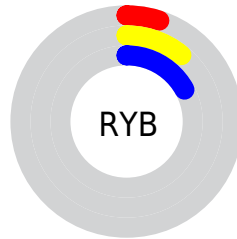
The CIELCh color **15, 10.995, 204.591** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8, 16.416, 25.591**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 10.815, 204.674**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 11.902, 204.834**, and if you desaturate by 10%, it is **15, 9.905, 204.439**.

Distribution



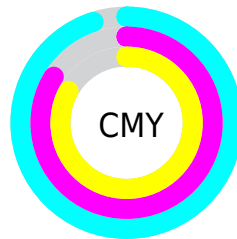
- Red (5%)
- Green (16%)
- Blue (17%)



- Red (5%)
- Yellow (11%)
- Blue (17%)



- Cyan (71%)
- Magenta (5%)
- Yellow (0%)
- Black (83%)



- Cyan (95%)
- Magenta (84%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 10.995, 204.591 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 15, 10.995, 204.591 by changing the saturation by 10% instead.

■ 15, 10.995,
204.591

■ 15, 10.995,
204.591

■ 100, 10.995,
204.591

■ 5, 10.995, 204.591

■ 35, 10.995,
204.591

■ 0, 10.995, 204.591

■ 45, 10.995,
204.591


■ 55, 10.995,
204.591


■ 65, 10.995,
204.591


■ 75, 10.995,
204.591


■ 85, 10.995,

204.591


 95, 10.995,
204.591

 15, 10.995,
204.591


 15, 10.995,
204.591

 15, 11.902,
204.834

 15, 9.905, 204.439

 14, 12.801,
205.030

 16, 8.631, 204.385

 14, 13.672,
205.139

 16, 7.189, 204.415

 16, 5.599, 204.522

 17, 3.882, 204.697

 17, 2.060, 204.954

 18, 0.150, 206.417

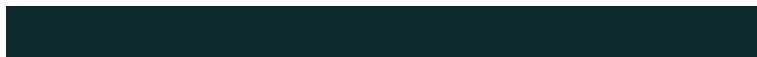
■ 18, 1.829, 25.297

■ 19, 3.860, 25.671

Harmonies

Complementary

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



15, 10.995, 204.591



8, 16.416, 25.591

Rectangle

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



15, 10.995, 204.591



15, 10.995, 254.591



15, 10.995, 24.591



15, 10.995, 74.591

Sweetspot

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



15, 10.995, 204.589



22, 4.818, 204.668



15, 24.490, 141.328



9, 3.178, 204.672



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



15, 10.995, 204.589



20, 14.605, 205.174



9, 13.331, 272.313



7, 1.042, 205.519



31, 21.130, 206.437



74, 40.413, 207.432

Inverse Universe

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



9, 24.167, 329.358



11, 33.500, 330.044



12, 13.968, 71.868



7, 1.888, 326.267



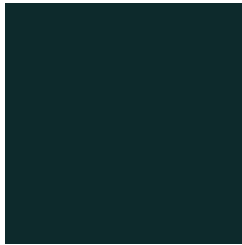
18, 50.255, 330.759



50, 96.276, 331.004

Previews

White Background



This preview shows how the CIE LCh color 15, 10.995, 204.591 looks on a white background.

Color Contrast Check

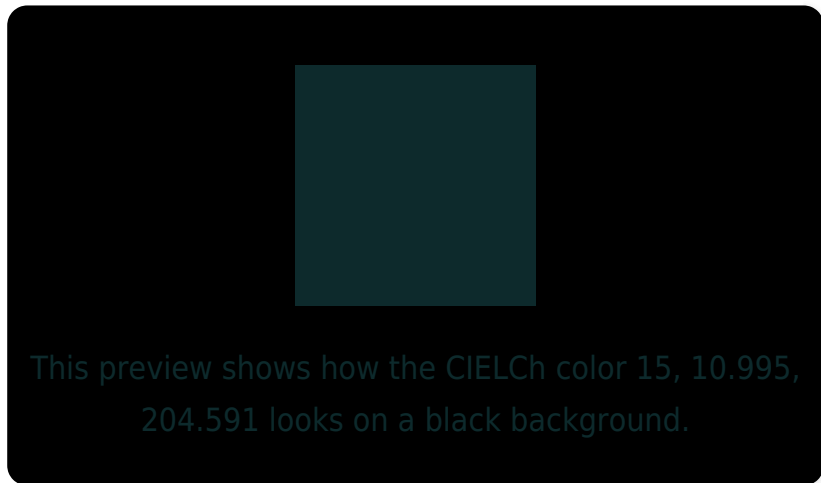
Large Text (above 18pt) WCAG AA ✓ Pass

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

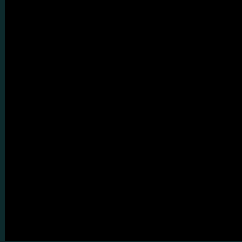
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

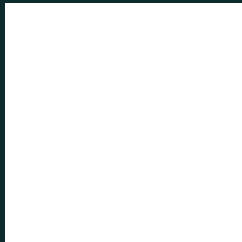
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 15, 10.995, 204.591

Background



This preview shows how black text looks on a background with the CIELCh color 15, 10.995, 204.591.



This preview shows how white text looks on a background with the CIELCh color 15, 10.995, 204.591.

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
15, 10.995, 204.591

Protanopia
15, 2.118, 290.768

Deuteranopia
15, 5.686, 296.318



Tritanopia
15, 10.710, 208.769

Trichromacy



Original Color
15, 10.995, 204.591

Protanomaly
15, 4.866, 224.543

Deuteranomaly
15, 5.940, 244.576

Tritanomaly
15, 10.710, 208.769

Monochromacy



Original Color
15, 10.995, 204.591

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 4.603, 207.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 10.995, 204.591 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, 42, 44)` looks like.

```
.text, #text, p{  
    color:rgb(13, 42, 44)  
}
```

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, 42, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 42, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 10.995, 204.591 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, 42, 44) }
```

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

```
.border{ border-color:rgb(13, 42, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 42, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 42, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 42, 44);  
box-shadow:4px 4px 4px 4px rgb(13, 42, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 10.995, 204.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 42, 44) }
```

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

```
.background{ background-color: rgb(13, 42,  
44) }
```

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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