

Converting Colors

CIELCh(15, 11.667, 209.702)

Have a look what the booklet for
CIELCh(15, 11.667, 209.702)
contains.

CIELCh(15, 11.629, 211.337)	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(15, 11.629, 211.337)

Conversions

Conversions Part 1

Format	Color
Hex	0A2A2E
RGB	10, 42, 46
RGB Percent	4%, 16%, 18%
CMY	0.9613, 0.8357, 0.8200
CMYK	0.78, 0.09, 0.00, 0.82
HSL	187°, 65%, 11%
HSV	187°, 78%, 18%
XYZ	1.4388, 1.9086, 2.8664
YIQ	32.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

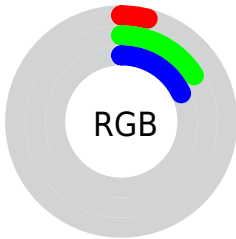
Format	Color
RYB	10, 27, 46
Decimal	666158
CIELab	15.00, -9.93, -6.05
CIElCh	15, 11.629, 211.337
Yxy	1.9086, 0.2316, 0.3072
Android (android.graphics.Color)	4278856238 (0xFF0A2A2E)
YUV	32.8880, 6.4642, -20.0728
Hunter-Lab	13.8151, -5.5859, -2.6310

Details

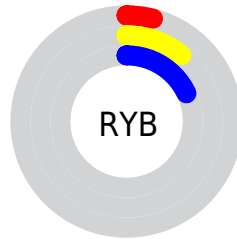
The CIELCh color **15, 11.629, 211.337** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8, 18.273, 28.124**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 11.583, 213.746**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 12.478, 211.964**, and if you desaturate by 10%, it is **15, 10.709, 210.703**.

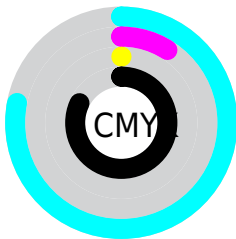
Distribution



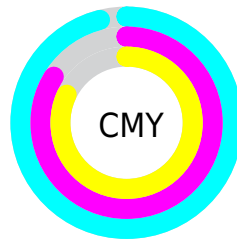
- Red (4%)
- Green (16%)
- Blue (18%)



- Red (4%)
- Yellow (11%)
- Blue (18%)



- Cyan (78%)
- Magenta (9%)
- Yellow (0%)
- Black (82%)



- Cyan (96%)
- Magenta (84%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 11.629, 211.337 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, 11.629, 211.337 by changing the saturation by 10% instead.

■ 15, 11.629,
211.337

■ 15, 11.629,
211.337

■ 100, 11.629,
211.337

■ 5, 11.629, 211.337

■ 35, 11.629,
211.337

■ 0, 11.629, 211.337

■ 45, 11.629,
211.337


■ 55, 11.629,
211.337


■ 65, 11.629,
211.337


■ 75, 11.629,
211.337


■ 85, 11.629,


211.337


 95, 11.629,
211.337

 15, 11.629,
211.337


 15, 11.629,
211.337

 15, 12.478,
211.964


 15, 10.709,
210.703

 14, 13.376,
212.436

 16, 9.589, 210.238

 14, 13.516,
212.495

 16, 8.286, 209.917

 17, 6.817, 209.719

 17, 5.204, 209.628

 18, 3.467, 209.632

■ 18, 1.628, 209.753

■ 19, 0.295, 29.062

■ 20, 2.284, 29.815

Harmonies

Complementary

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



15, 11.629, 211.337



8, 18.273, 28.124

Rectangle

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



15, 11.629, 211.337



15, 11.629, 261.337



15, 11.629, 31.337



15, 11.629, 81.337

Sweetspot

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



15, 11.629, 211.336



23, 5.438, 209.619



16, 26.863, 141.744



10, 3.773, 209.620



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



15, 11.629, 211.336



19, 15.207, 213.020



8, 16.567, 279.149



7, 0.999, 210.311



29, 20.297, 214.759



71, 38.804, 216.654

Inverse Universe

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



9, 26.330, 331.346



11, 35.908, 332.232



13, 16.169, 75.398



7, 1.826, 327.711



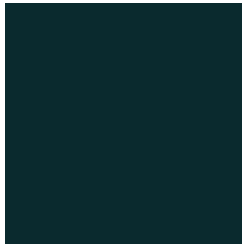
18, 48.584, 332.800



50, 92.794, 333.265

Previews

White Background



This preview shows how the CIELCh color 15, 11.629, 211.337 looks on a white background.

Color Contrast Check

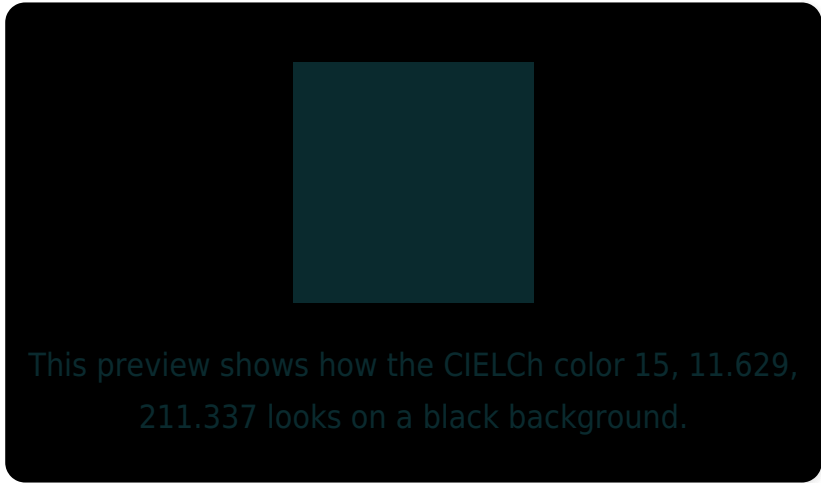
Large Text (above 18pt) WCAG AA ✓ Pass

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

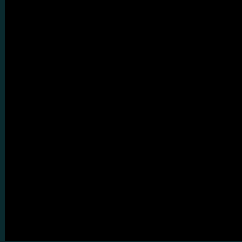
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

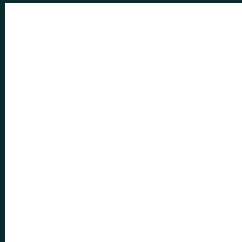
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 15, 11.629, 211.337

Background



This preview shows how black text looks on a background with the CIELCh color 15, 11.629, 211.337.

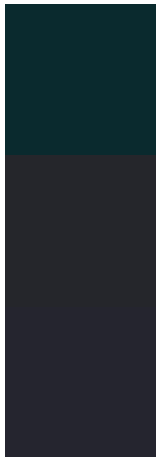


This preview shows how white text looks on a background with the CIELCh color 15, 11.629, 211.337.

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, 11.629, 211.337

Protanopia
15, 3.550, 283.672

Deuteranopia
15, 7.074, 292.107



Tritanopia
15, 11.853, 207.427

Trichromacy



Original Color
15, 11.629, 211.337

Protanomaly
15, 6.144, 233.889

Deuteranomaly
15, 7.394, 248.993

Tritanomaly
15, 11.853, 207.427

Monochromacy



Original Color
15, 11.629, 211.337

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 5.095, 214.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 11.629, 211.337 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(10, 42, 46)` looks like.

```
.text, #text, p{  
    color:rgb(10, 42, 46)  
}
```

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(10, 42, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 42, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 11.629, 211.337 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(10, 42, 46) }
```

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

```
.border{ border-color:rgb(10, 42, 46) }
```

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

Here you see how a box with a 4 pixel rgb(10, 42, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 42, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 42, 46);  
box-shadow:4px 4px 4px 4px rgb(10, 42, 46)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 11.629, 211.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 42, 46) }
```

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

```
.background{ background-color: rgb(10, 42,  
46) }
```

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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