

Converting Colors

CIELCh(15, 13.115, 186.161)

Have a look what the booklet for
CIELCh(15, 13.115, 186.161)
contains.

CIELCh(15, 13.338, 184.225)	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, 13.338, 184.225)

Conversions

Conversions Part 1

Format	Color
Hex	092B27
RGB	9, 43, 39
RGB Percent	4%, 17%, 15%
CMY	0.9659, 0.8324, 0.8481
CMYK	0.80, 0.00, 0.09, 0.83
HSL	173°, 66%, 10%
HSV	173°, 80%, 17%
XYZ	1.3244, 1.9086, 2.1949
YIQ	32.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

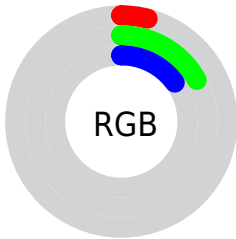
Format	Color
RYB	9, 27, 43
Decimal	600871
CIELab	15.00, -13.30, -0.98
CIELCh	15, 13.338, 184.225
Yxy	1.9086, 0.2440, 0.3516
Android (android.graphics.Color)	4278790951 (0xFF092B27)
YUV	32.3780, 3.2646, -20.5025
Hunter-Lab	13.8151, -7.0640, 0.2510

Details

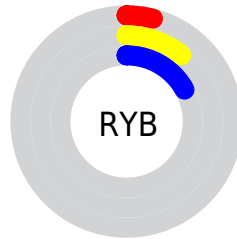
The CIELCh color **15, 13.338, 184.225** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7, 18.259, 15.426**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 13.349, 184.026**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 14.503, 183.525**, and if you desaturate by 10%, it is **15, 12.167, 185.003**.

Distribution



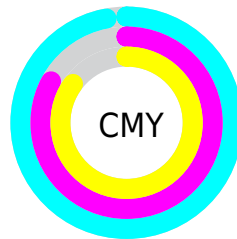
- Red (4%)
- Green (17%)
- Blue (15%)



- Red (4%)
- Yellow (11%)
- Blue (17%)



- Cyan (80%)
- Magenta (0%)
- Yellow (9%)
- Black (83%)





- Cyan (97%)
- Magenta (83%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 13.338, 184.225 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, 13.338, 184.225 by changing the saturation by 10% instead.

 15, 13.338,
184.225


 15, 13.338,
184.225


 100, 13.338,
184.225


 5, 13.338, 184.225


 35, 13.338,
184.225

 0, 13.338, 184.225

 45, 13.338,
184.225


 55, 13.338,
184.225


 65, 13.338,
184.225


 75, 13.338,
184.225


 85, 13.338,


184.225


 95, 13.338,
184.225


 15, 13.338,
184.225


 15, 13.338,
184.225

 15, 14.503,
183.525

 15, 12.167,
185.003

 15, 15.722,
182.930

 15, 10.822,
185.753

 15, 15.764,
182.911

 16, 9.308, 186.473

 16, 7.644, 187.171

 16, 5.852, 187.853

 17, 3.955, 188.528

■ 17, 1.974, 189.222

■ 17, 0.071, 7.162

■ 18, 2.161, 10.310

Harmonies

Complementary

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



15, 13.338, 184.225



7, 18.259, 15.426

Rectangle

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



15, 13.338, 184.225



15, 13.338, 234.225



15, 13.338, 4.225



15, 13.338, 54.225

Sweetspot

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



15, 13.338, 184.224



22, 6.010, 188.134



14, 25.842, 138.285



9, 4.020, 188.122



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, 13.338, 184.224



20, 18.308, 182.440



10, 11.489, 251.965



6, 0.912, 189.504



31, 24.804, 181.235



76, 48.846, 179.970

Inverse Universe

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



7, 18.259, 15.426



8, 28.157, 19.591



10, 14.509, 48.925



6, 0.911, 9.998



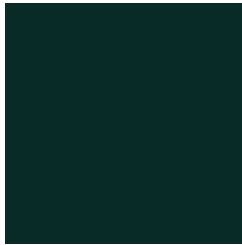
15, 40.958, 28.235



44, 85.677, 35.355

Previews

White Background



This preview shows how the CIELCh color 15, 13.338, 184.225 looks on a white background.

Color Contrast Check

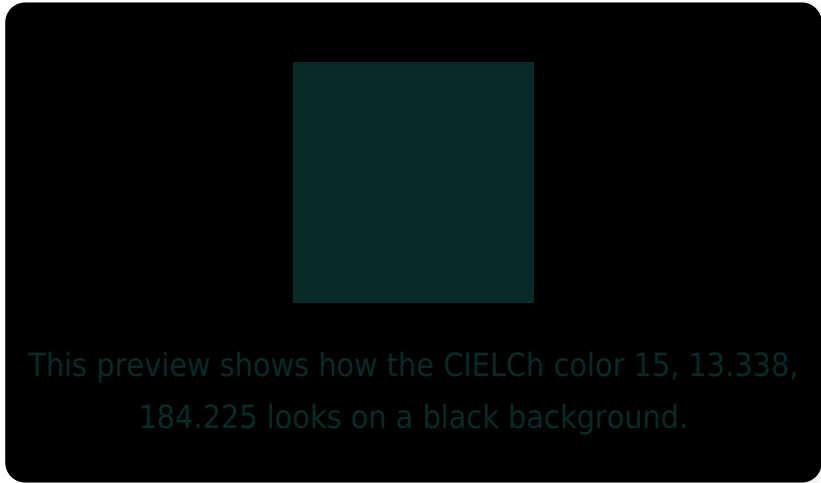
Large Text (above 18pt) WCAG AA ✓ Pass

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

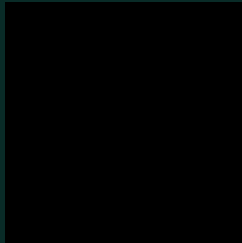
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

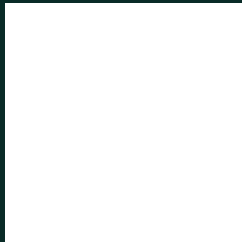
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 15, 13.338, 184.225

Background



This preview shows how black text looks on a background with the CIELCh color 15, 13.338, 184.225.



This preview shows how white text looks on a background with the CIELCh color 15, 13.338, 184.225.

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, 13.338, 184.225

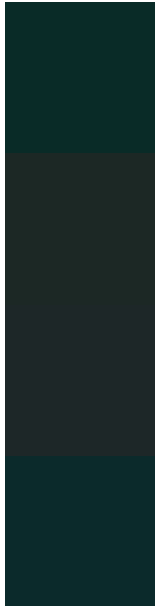
Protanopia
15, 1.485, 90.330

Deuteranopia
15, 2.879, 332.803



Tritanopia
15, 10.958, 208.458

Trichromacy



Original Color
15, 13.338, 184.225

Protanomaly
15, 5.999, 177.285

Deuteranomaly
15, 4.570, 207.393

Tritanomaly
15, 11.564, 200.514

Monochromacy



Original Color
15, 13.338, 184.225

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 5.788, 183.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 13.338, 184.225 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(9, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(9, 43, 39)  
}
```

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(9, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 43, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 13.338, 184.225 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(9, 43, 39) }
```

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

```
.border{ border-color:rgb(9, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 43, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 43, 39); box-shadow:4px  
4px 4px 4px rgb(9, 43, 39) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 13.338, 184.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 43, 39) }
```

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

```
.background{ background-color: rgb(9, 43,  
39) }
```

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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