

Converting Colors

CIELCh(15, 12.165, 144.443)

Have a look what the booklet for
CIELCh(15, 12.165, 144.443)
contains.

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Color

CIELCh(15, 12.333, 144.229)

Conversions

Conversions Part 1

Format	Color
Hex	1A291B
RGB	26, 41, 27
RGB Percent	10%, 16%, 11%
CMY	0.8970, 0.8381, 0.8931
CMYK	0.36, 0.00, 0.34, 0.84
HSL	124°, 22%, 13%
HSV	124°, 36%, 16%
XYZ	1.4363, 1.9086, 1.3455
YIQ	34.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

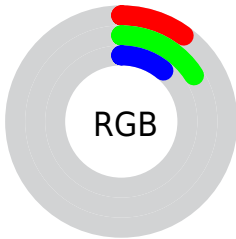
Format	Color
R_{YB}	26, 40, 41
Decimal	1714459
CIE _{Lab}	15.00, -10.01, 7.21
CIE _{LCh}	15, 12.333, 144.229
Yxy	1.9086, 0.3062, 0.4069
Android (android.graphics.Color)	4279904539 (0xFF1A291B)
YUV	34.9190, -3.9041, -7.8220
Hunter-Lab	13.8151, -5.6192, 3.8960

Details

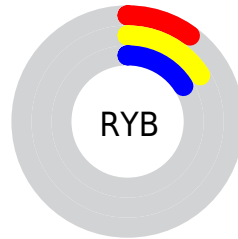
The CIELCh color **15, 12.333, 144.229** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 12.340, 327.910**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 12.211, 143.382**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 15.666, 143.483**, and if you desaturate by 10%, it is **15, 8.944, 144.893**.

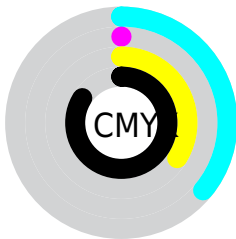
Distribution



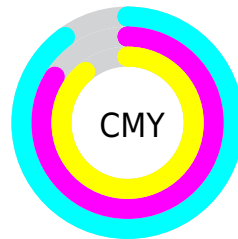
- Red (10%)
- Green (16%)
- Blue (11%)



- Red (10%)
- Yellow (16%)
- Blue (16%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (84%)



- Cyan (90%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 12.333, 144.229 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, 12.333, 144.229 by changing the saturation by 10% instead.

■ 15, 12.333,
144.229

■ 15, 12.333,
144.229

■ 100, 12.333,
144.229

■ 5, 12.333, 144.229

■ 35, 12.333,
144.229

■ 0, 12.333, 144.229

■ 45, 12.333,
144.229


■ 55, 12.333,
144.229


■ 65, 12.333,
144.229


■ 75, 12.333,
144.229


■ 85, 12.333,

144.229


 95, 12.333,
144.229

 15, 12.333,
144.229


 15, 12.333,
144.229

 15, 15.666,
143.483


 15, 8.944, 144.893

 14, 18.889,
142.673


 16, 5.537, 145.483

 14, 21.815,
142.242

 16, 2.141, 146.023

 14, 24.348,
142.131

 17, 1.218, 326.356

 14, 26.623,
142.380

 18, 4.523, 326.808

 18, 7.761, 327.167

 19, 10.923,

■ 13, 28.970,
142.803

327.479

■ 13, 29.845,
142.975

■ 19, 14.005,
327.754

■ 20, 17.003,
327.998

Harmonies

Complementary

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



15, 12.333, 144.229



12, 12.340, 327.910

Rectangle

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



15, 12.333, 144.229



15, 12.333, 194.229



15, 12.333, 324.229



15, 12.333, 14.229

Sweetspot

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



15, 12.334, 144.229



22, 4.627, 145.739



16, 10.354, 109.574



10, 3.149, 145.742



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, 12.334, 144.229



20, 18.524, 143.456



15, 8.556, 163.691



6, 1.522, 146.232



30, 51.815, 137.317



74, 102.895, 136.483

Inverse Universe

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



12, 12.340, 327.910



15, 18.505, 328.373



12, 8.956, 349.262



6, 1.520, 326.317



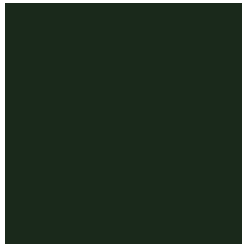
18, 49.179, 330.824



50, 95.279, 331.086

Previews

White Background



This preview shows how the CIE LCh color 15, 12.333, 144.229 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, 12.333, 144.229

Background



This preview shows how black text looks on a background with the CIELCh color 15, 12.333, 144.229.



This preview shows how white text looks on a background with the CIELCh color 15, 12.333, 144.229.

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, 12.333, 144.229

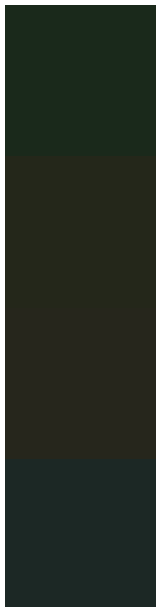
Protanopia
15, 8.546, 97.011

Deuteranopia
15, 7.113, 71.766



Tritanopia
15, 5.154, 232.088

Trichromacy



Original Color
15, 12.333, 144.229

Protanomaly
15, 9.202, 117.478

Deuteranomaly
15, 7.008, 108.197

Tritanomaly
15, 5.999, 177.285

Monochromacy



Original Color
15, 12.333, 144.229

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 4.352, 143.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 12.333, 144.229 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(26, 41, 27)` looks like.

```
.text, #text, p{  
    color:rgb(26, 41, 27)  
}
```

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(26, 41, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 41, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 12.333, 144.229 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(26, 41, 27) }
```

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

```
.border{ border-color:rgb(26, 41, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 41, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 41, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 41, 27);  
box-shadow:4px 4px 4px 4px rgb(26, 41, 27)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 12.333, 144.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 41, 27) }
```

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

```
.background{ background-color: rgb(26, 41,  
27) }
```

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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