

Converting Colors

CIELCh(15, 14.245, 142.178)

Have a look what the booklet for
CIELCh(15, 14.245, 142.178)
contains.

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Color

CIELCh(15, 14.556, 142.135)

Conversions

Conversions Part 1

Format	Color
Hex	192A19
RGB	25, 42, 25
RGB Percent	10%, 16%, 10%
CMY	0.9030, 0.8364, 0.9030
CMYK	0.41, 0.00, 0.41, 0.84
HSL	120°, 26%, 13%
HSV	120°, 41%, 16%
XYZ	1.3851, 1.9086, 1.2005
YIQ	34.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

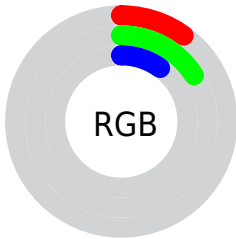
Format	Color
R_{YB}	25, 42, 42
Decimal	1649177
CIE Lab	15.00, -11.49, 8.93
CIE LCh	15, 14.556, 142.135
Yxy	1.9086, 0.3082, 0.4247
Android (android.graphics.Color)	4279839257 (0xFF192A19)
YUV	34.9790, -4.9196, -8.7516
Hunter-Lab	13.8151, -6.2799, 4.5186

Details

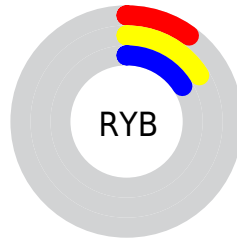
The CIELCh color **15, 14.556, 142.135** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 14.549, 326.208**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 14.236, 141.838**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 18.020, 141.371**, and if you desaturate by 10%, it is **15, 11.005, 142.822**.

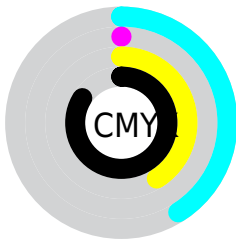
Distribution



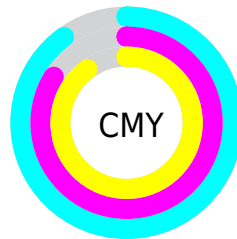
- Red (10%)
- Green (16%)
- Blue (10%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 14.556, 142.135 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, 14.556, 142.135 by changing the saturation by 10% instead.

■ 15, 14.556,
142.135

■ 15, 14.556,
142.135

■ 100, 14.556,
142.135

■ 5, 14.556, 142.135

■ 35, 14.556,
142.135

■ 0, 14.556, 142.135

■ 45, 14.556,
142.135


■ 55, 14.556,
142.135


■ 65, 14.556,
142.135


■ 75, 14.556,
142.135


■ 85, 14.556,


142.135


 95, 14.556,
142.135

 15, 14.556,
142.135


 15, 14.556,
142.135

 15, 18.020,
141.371

 15, 11.005,
142.822


 14, 21.231,
140.877

 16, 7.413, 143.433


 14, 24.011,
140.844


 16, 3.819, 143.978

 17, 0.253, 144.772

 14, 26.396,
141.020

 17, 3.263, 324.805

 14, 28.806,
141.340

 18, 6.711, 325.177

■ 13, 31.140,
141.747

■ 19, 10.082,
325.493

■ 19, 13.368,
325.769

■ 20, 16.567,
326.010

Harmonies

Complementary

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



15, 14.556, 142.135



12, 14.549, 326.208

Rectangle

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



15, 14.556, 142.135



15, 14.556, 192.135



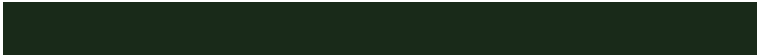
15, 14.556, 322.135



15, 14.556, 12.135

Sweetspot

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



15, 14.556, 142.135



22, 5.284, 143.874



16, 11.659, 107.043



10, 3.550, 143.887



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, 14.556, 142.135



20, 21.477, 141.277



15, 10.023, 160.587



6, 1.590, 144.484



30, 53.461, 136.026



74, 104.063, 136.019

Inverse Universe

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



12, 14.549, 326.208



15, 21.426, 326.656



11, 10.429, 346.724



6, 1.593, 324.424



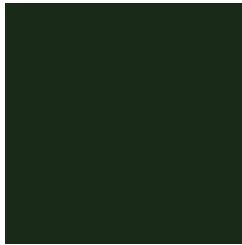
18, 51.576, 328.251



50, 100.373, 328.253

Previews

White Background



This preview shows how the CIELCh color 15, 14.556, 142.135 looks on a white background.

Color Contrast Check

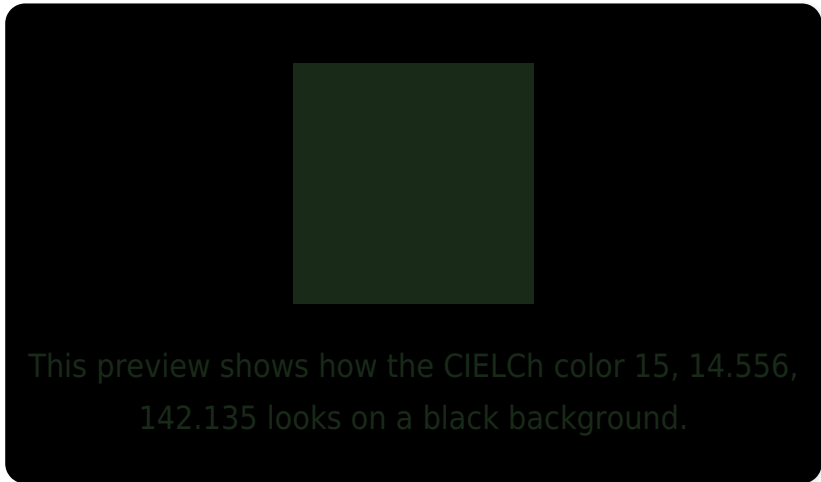
Large Text (above 18pt) WCAG AA ✓ Pass

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

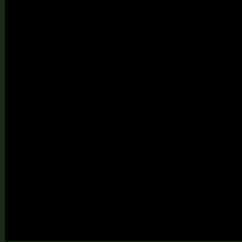
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 14.556, 142.135

Background



This preview shows how black text looks on a background with the CIELCh color 15, 14.556, 142.135.

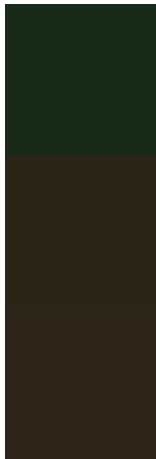


This preview shows how white text looks on a background with the CIELCh color 15, 14.556, 142.135.

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, 14.556, 142.135

Protanopia
15, 10.582, 98.365

Deuteranopia
15, 8.624, 73.827



Tritanopia
15, 5.597, 220.730

Trichromacy



Original Color
15, 14.556, 142.135

Protanomaly
15, 10.650, 118.697

Deuteranomaly
15, 8.393, 107.801

Tritanomaly
15, 7.461, 169.489

Monochromacy



Original Color
15, 14.556, 142.135

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 5.228, 143.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 14.556, 142.135 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(25, 42, 25)` looks like.

```
.text, #text, p{  
    color:rgb(25, 42, 25)  
}
```

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(25, 42, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 42, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 14.556, 142.135 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(25, 42, 25) }
```

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

```
.border{ border-color:rgb(25, 42, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 42, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 42, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 42, 25);  
box-shadow:4px 4px 4px 4px rgb(25, 42, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 14.556, 142.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 42, 25) }
```

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

```
.background{ background-color: rgb(25, 42,  
25) }
```

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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