

Converting Colors

CIELCh(15, 13.016, 144.443)

Have a look what the booklet for
CIELCh(15, 13.016, 144.443)
contains.

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Color

CIELCh(15, 12.620, 145.758)

Conversions

Conversions Part 1

Format	Color
Hex	19291B
RGB	25, 41, 27
RGB Percent	10%, 16%, 11%
CMY	0.9003, 0.8375, 0.8925
CMYK	0.39, 0.00, 0.34, 0.84
HSL	127°, 24%, 13%
HSV	127°, 39%, 16%
XYZ	1.4215, 1.9086, 1.3550
YIQ	34.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

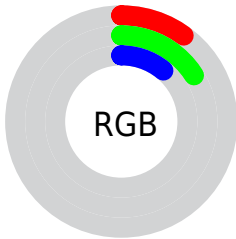
Format	Color
R_{YB}	25, 39, 41
Decimal	1648923
CIE _{Lab}	15.00, -10.43, 7.10
CIE _{LCh}	15, 12.620, 145.758
Yxy	1.9086, 0.3034, 0.4074
Android (android.graphics.Color)	4279839003 (0xFF19291B)
YUV	34.6200, -3.7567, -8.4367
Hunter-Lab	13.8151, -5.8104, 3.8554

Details

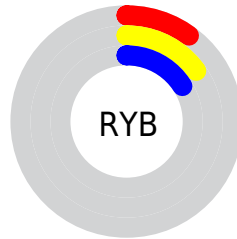
The CIELCh color **15, 12.620, 145.758** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 12.639, 329.854**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 12.466, 144.901**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 15.814, 144.973**, and if you desaturate by 10%, it is **15, 9.365, 146.456**.

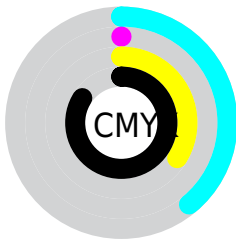
Distribution



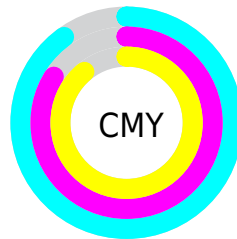
- Red (10%)
- Green (16%)
- Blue (11%)



- Red (10%)
- Yellow (15%)
- Blue (16%)



- Cyan (39%)
- Magenta (0%)
- Yellow (34%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 12.620, 145.758 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, 12.620, 145.758 by changing the saturation by 10% instead.

■ 15, 12.620,
145.758

■ 15, 12.620,
145.758

■ 100, 12.620,
145.758

■ 5, 12.620, 145.758

■ 35, 12.620,
145.758

■ 0, 12.620, 145.758

■ 45, 12.620,
145.758


■ 55, 12.620,
145.758


■ 65, 12.620,
145.758


■ 75, 12.620,
145.758


■ 85, 12.620,

145.758


 95, 12.620,
145.758

 15, 12.620,
145.758


 15, 12.620,
145.758

 15, 15.814,
144.973


 15, 9.365, 146.456

 14, 18.903,
144.099


 16, 6.085, 147.077

 14, 21.740,
143.480

 16, 2.811, 147.639

 14, 24.218,
143.194

 17, 0.435, 327.859

 14, 26.471,
143.399

 17, 3.632, 328.482

 18, 6.768, 328.870

 19, 9.834, 329.209

■ 13, 28.745,
143.846

■ 19, 12.824,
329.510

■ 13, 29.057,
143.914

■ 20, 15.735,
329.779

Harmonies

Complementary

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



15, 12.620, 145.758



12, 12.639, 329.854

Rectangle

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



15, 12.620, 145.758



15, 12.620, 195.758



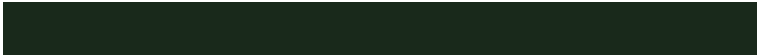
15, 12.620, 325.758



15, 12.620, 15.758

Sweetspot

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



15, 12.621, 145.758



22, 4.849, 147.415



16, 11.068, 112.320



10, 3.257, 147.428



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, 12.621, 145.758



20, 18.572, 144.963



15, 8.649, 167.420



6, 1.464, 147.915



30, 50.481, 138.407



74, 101.327, 137.118

Inverse Universe

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



12, 12.639, 329.854



15, 18.567, 330.346



11, 9.234, 353.700



6, 1.457, 328.133



17, 47.158, 333.396



49, 91.010, 333.952

Previews

White Background



This preview shows how the CIELCh color 15, 12.620, 145.758 looks on a white background.

Color Contrast Check

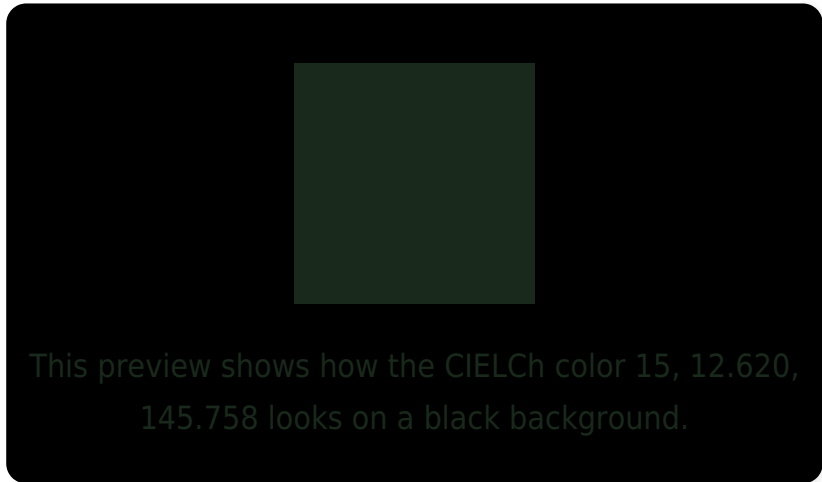
Large Text (above 18pt) WCAG AA ✓ Pass

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

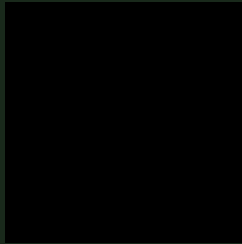
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 12.620, 145.758

Background



This preview shows how black text looks on a background with the CIELCh color 15, 12.620, 145.758.



This preview shows how white text looks on a background with the CIELCh color 15, 12.620, 145.758.

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, 12.620, 145.758

Protanopia

15, 8.546, 97.011

Deuteranopia

15, 6.542, 68.456



Tritanopia
15, 5.227, 222.475

Trichromacy



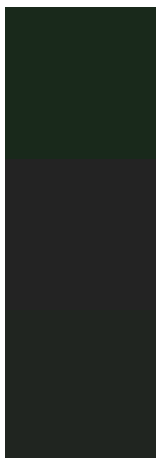
Original Color
15, 12.620, 145.758

Protanomaly
15, 8.643, 121.721

Deuteranomaly
15, 7.032, 112.438

Tritanomaly
15, 6.708, 172.998

Monochromacy



Original Color
15, 12.620, 145.758

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, 12.620, 145.758 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, 41, 27)` looks like.

```
.text, #text, p{  
    color:rgb(25, 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(25, 41, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 41, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 12.620, 145.758 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, 41, 27) }
```

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

```
.border{ border-color:rgb(25, 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(25, 41, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 41, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 41, 27);  
box-shadow:4px 4px 4px 4px rgb(25, 41, 27)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 12.620, 145.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 41, 27) }
```

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

```
.background{ background-color: rgb(25, 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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