

Converting Colors

CIELCh(15, 41.081, 71.556)

Have a look what the booklet for
CIELCh(15, 41.081, 71.556) contains.

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Color

CIELCh(15, 26.258, 58.479)

Conversions

Conversions Part 1

Format	Color
Hex	3E1D00
RGB	62, 29, 0
RGB Percent	24%, 11%, 0%
CMY	0.7566, 0.8860, 0.9996
CMYK	0.00, 0.53, 1.00, 0.76
HSL	28°, 100%, 12%
HSV	28°, 100%, 24%
XYZ	2.4326, 1.9086, 0.2432
YIQ	35.5610, 28.9770, -2.0230

Conversions

Conversions Part 2

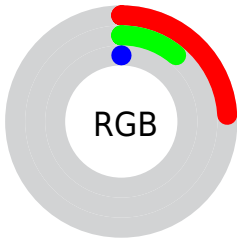
Format	Color
RYB	62, 54, 0
Decimal	4070656
CIELab	15.00, 13.73, 22.38
CIELCh	15, 26.258, 58.479
Yxy	1.9086, 0.5306, 0.4163
Android (android.graphics.Color)	4282260736 (0xFF3E1D00)
YUV	35.5610, -17.5316, 23.1870
Hunter-Lab	13.8151, 7.2539, 8.6269

Details

The CIELCh color **15, 26.258, 58.479** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12, 21.865, 273.689**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 26.452, 57.979**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 26.292, 58.452**, and if you desaturate by 10%, it is **16, 24.224, 60.517**.

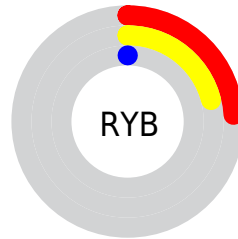
Distribution



Red (24%)

Green (11%)

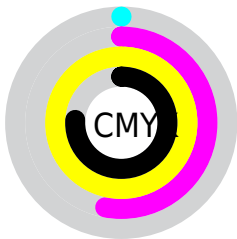
Blue (0%)



Red (24%)

Yellow (21%)

Blue (0%)

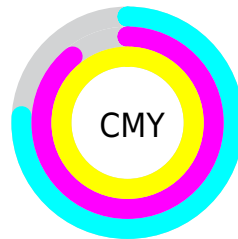


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (76%)



Cyan (76%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 26.258, 58.479 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, 26.258, 58.479 by changing the saturation by 10% instead.

15, 26.258, 58.479

15, 26.258, 58.479

100, 26.258,
58.479

5, 26.258, 58.479

35, 26.258, 58.479

0, 26.258, 58.479

45, 26.258, 58.479

55, 26.258, 58.479

65, 26.258, 58.479

75, 26.258, 58.479

85, 26.258, 58.479

95, 26.258, 58.479

■ 15, 26.258, 58.479

■ 15, 26.258, 58.479

■ 15, 26.292, 58.452

■ 16, 24.224, 60.517

■ 17, 22.160, 62.904

■ 18, 19.484, 64.606

■ 19, 16.364, 65.649

■ 20, 13.330, 66.674

■ 21, 10.412, 67.699

■ 23, 7.618, 68.726

■ 24, 4.949, 69.746

■ 25, 2.398, 70.737

Harmonies

Complementary

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



15, 26.258, 58.479



12, 21.865, 273.689

Rectangle

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



15, 26.258, 58.479



15, 26.258, 108.479



15, 26.258, 238.479



15, 26.258, 288.479

Sweetspot

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



15, 26.258, 58.482



30, 9.657, 68.566



10, 31.647, 353.700



13, 6.498, 68.417



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



15, 26.258, 58.482



21, 34.906, 59.533



25, 33.821, 101.208



11, 1.334, 70.870



24, 39.997, 59.738



57, 78.075, 57.497

Inverse Universe

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



12, 21.865, 273.689



17, 27.329, 276.181



4, 41.695, 300.620



11, 1.308, 252.793



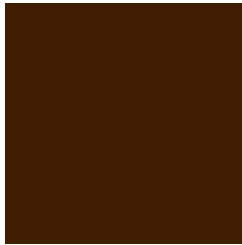
21, 30.749, 277.252



50, 61.555, 281.285

Previews

White Background



This preview shows how the CIELCh color 15, 26.258, 58.479 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



This preview shows how the CIE LCh color 15, 26.258, 58.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

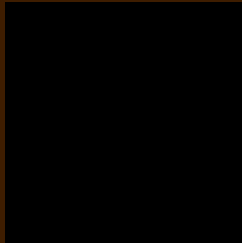
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 26.258, 58.479

Background



This preview shows how black text looks on a background with the CIELCh color 15, 26.258, 58.479.

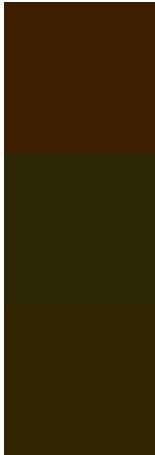


This preview shows how white text looks on a background with the CIELCh color 15, 26.258, 58.479.

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, 26.258, 58.479

Protanopia

15, 20.225, 97.129

Deuteranopia

15, 22.514, 86.975



Tritanopia
15, 19.044, 21.079

Trichromacy



Original Color
15, 26.258, 58.479

Protanomaly
15, 20.876, 78.941

Deuteranomaly
15, 23.112, 74.764

Tritanomaly
15, 21.601, 42.144

Monochromacy



Original Color
15, 26.258, 58.479

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 9.849, 65.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 26.258, 58.479 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(62, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(62, 29, 0)  
}
```

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(62, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 29, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 26.258, 58.479 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(62, 29, 0) }
```

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

```
.border{ border-color:rgb(62, 29, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 29, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 29, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(62, 29, 0); box-shadow:4px  
4px 4px 4px rgb(62, 29, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 26.258, 58.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 29, 0) }
```

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

```
.background{ background-color: rgb(62, 29,  
0) }
```

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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