

Converting Colors

CIELCh(15, 26.456, 43.554)

Have a look what the booklet for
CIELCh(15, 26.456, 43.554) contains.

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Color

CIELCh(15, 26.469, 43.273)

Conversions

Conversions Part 1

Format	Color
Hex	43190B
RGB	67, 25, 11
RGB Percent	26%, 10%, 4%
CMY	0.7375, 0.9021, 0.9571
CMYK	0.00, 0.63, 0.84, 0.74
HSL	15°, 72%, 15%
HSV	15°, 84%, 26%
XYZ	2.7176, 1.9086, 0.5396
YIQ	35.9620, 29.5260, 4.5500

Conversions

Conversions Part 2

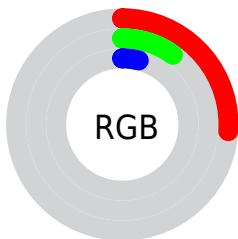
Format	Color
RYB	67, 30, 11
Decimal	4397323
CIELab	15.00, 19.27, 18.14
CIELCh	15, 26.469, 43.273
Yxy	1.9086, 0.5261, 0.3695
Android (android.graphics.Color)	4282587403 (0xFF43190B)
YUV	35.9620, -12.3063, 27.2203
Hunter-Lab	13.8151, 10.9367, 7.3548

Details

The CIELCh color **15, 26.469, 43.273** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20, 15.410, 236.292**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 26.704, 44.012**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 29.144, 41.587**, and if you desaturate by 10%, it is **16, 23.331, 44.562**.

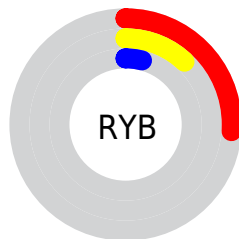
Distribution



Red (26%)

Green (10%)

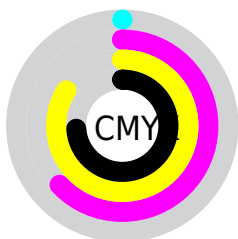
Blue (4%)



Red (26%)

Yellow (12%)

Blue (4%)

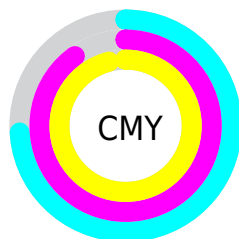


Cyan (0%)

Magenta (63%)

Yellow (84%)

Black (74%)



Cyan (74%)

Magenta (90%)

Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 26.469, 43.273 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, 26.469, 43.273 by changing the saturation by 10% instead.

 15, 26.469, 43.273

 15, 26.469, 43.273

 100, 26.469,
43.273

 5, 26.469, 43.273

 35, 26.469, 43.273

 0, 26.469, 43.273

 45, 26.469, 43.273

 55, 26.469, 43.273

 65, 26.469, 43.273

 75, 26.469, 43.273

 85, 26.469, 43.273

 95, 26.469, 43.273

■ 15, 26.469, 43.273

■ 15, 26.469, 43.273

■ 14, 29.144, 41.587

■ 16, 23.331, 44.562

■ 13, 30.783, 40.930

■ 18, 19.601, 44.477

■ 19, 15.966, 44.332

■ 21, 12.537, 44.320

■ 23, 9.324, 44.426

■ 24, 6.324, 44.628

■ 26, 3.525, 44.893

■ 28, 0.914, 45.057

■ 30, 1.526, 225.887

Harmonies

Complementary

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



15, 26.469, 43.273



20, 15.410, 236.292

Rectangle

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



15, 26.469, 43.273



15, 26.469, 93.273



15, 26.469, 223.273



15, 26.469, 273.273

Sweetspot

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



15, 26.468, 43.276



31, 8.349, 44.573



14, 33.460, 338.137



14, 5.634, 44.543



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



15, 26.468, 43.276



18, 39.906, 43.592



23, 27.294, 87.676



12, 1.397, 45.029



21, 44.357, 44.398



50, 88.458, 44.901

Inverse Universe

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



20, 15.410, 236.292



25, 20.472, 242.442



10, 30.699, 292.679



12, 1.338, 225.961



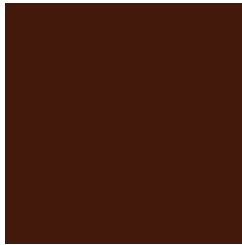
28, 22.185, 243.174



65, 41.705, 246.977

Previews

White Background



This preview shows how the CIE LCh color 15, 26.469, 43.273 looks on a white background.

Color Contrast Check

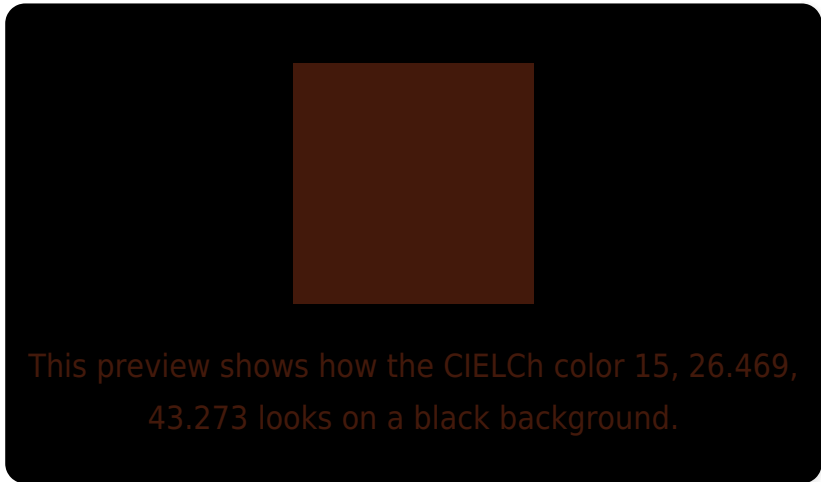
Large Text (above 18pt) WCAG AA ✓ Pass

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

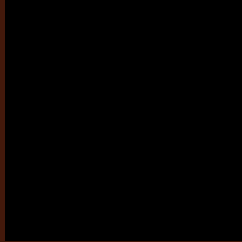
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 26.469, 43.273

Background



This preview shows how black text looks on a background with the CIELCh color 15, 26.469, 43.273.

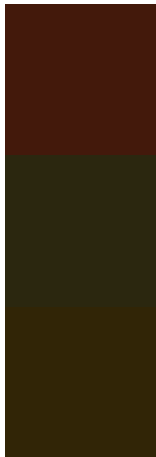


This preview shows how white text looks on a background with the CIELCh color 15, 26.469, 43.273.

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, 26.469, 43.273

Protanopia

15, 16.227, 97.895

Deuteranopia

15, 20.195, 85.286



Tritanopia
15, 23.488, 23.758

Trichromacy



Original Color
15, 26.469, 43.273

Protanomaly
15, 17.273, 69.612

Deuteranomaly
15, 20.981, 66.380

Tritanomaly
15, 24.326, 32.686

Monochromacy



Original Color
15, 26.469, 43.273

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 8.945, 44.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 26.469, 43.273 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(67, 25, 11)` looks like.

```
.text, #text, p{  
    color:rgb(67, 25, 11)  
}
```

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(67, 25, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 25, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 26.469, 43.273 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(67, 25, 11) }
```

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

```
.border{ border-color:rgb(67, 25, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 25, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 25, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 25, 11);  
box-shadow:4px 4px 4px 4px rgb(67, 25, 11)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 26.469, 43.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 25, 11) }
```

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

```
.background{ background-color: rgb(67, 25,  
11) }
```

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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