

Converting Colors

CIELCh(15, 26.560, 26.363)

Have a look what the booklet for
CIELCh(15, 26.560, 26.363) contains.

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Color

CIELCh(15, 26.415, 26.704)

Conversions

Conversions Part 1

Format	Color
Hex	461516
RGB	70, 21, 22
RGB Percent	27%, 8%, 9%
CMY	0.7248, 0.9170, 0.9132
CMYK	0.00, 0.70, 0.68, 0.72
HSL	359°, 54%, 18%
HSV	359°, 70%, 28%
XYZ	2.9549, 1.9086, 0.9783
YIQ	35.7650, 28.8830, 10.6990

Conversions

Conversions Part 2

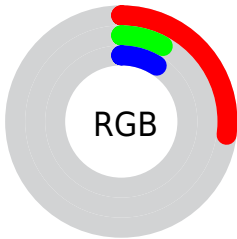
Format	Color
RYB	70, 21, 22
Decimal	4592918
CIELab	15.00, 23.60, 11.87
CIElCh	15, 26.415, 26.704
Yxy	1.9086, 0.5058, 0.3267
Android (android.graphics.Color)	4282782998 (0xFF461516)
YUV	35.7650, -6.7861, 30.0241
Hunter-Lab	13.8151, 14.0021, 5.4722

Details

The CIELCh color **15, 26.415, 26.704** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27, 16.868, 194.608**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 26.348, 27.716**, and **0, 1.386, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 30.194, 28.395**, and if you desaturate by 10%, it is **17, 22.231, 24.417**.

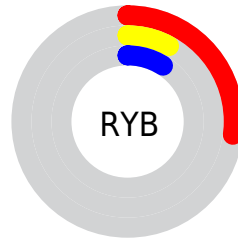
Distribution



Red (27%)

Green (8%)

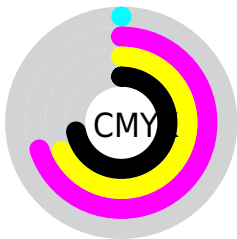
Blue (9%)



Red (27%)

Yellow (8%)

Blue (9%)

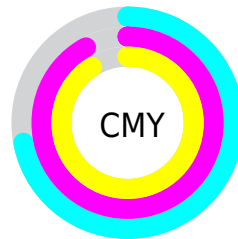


Cyan (0%)

Magenta (70%)

Yellow (68%)

Black (72%)



Cyan (72%)

Magenta (92%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 26.415, 26.704 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, 26.415, 26.704 by changing the saturation by 10% instead.

 15, 26.415, 26.704

 15, 26.415, 26.704

 100, 26.415,
26.704

 5, 26.415, 26.704

 35, 26.415, 26.704

 0, 26.415, 26.704

 45, 26.415, 26.704

 55, 26.415, 26.704

 65, 26.415, 26.704

 75, 26.415, 26.704

 85, 26.415, 26.704

 95, 26.415, 26.704

■ 15, 26.415, 26.704

■ 15, 26.415, 26.704

■ 14, 30.194, 28.395

■ 17, 22.231, 24.417

■ 12, 33.151, 28.873

■ 19, 18.082, 22.584

■ 11, 36.058, 28.642

■ 21, 14.054, 21.128

■ 11, 36.102, 28.635

■ 23, 10.204, 19.970

■ 25, 6.565, 19.039

■ 27, 3.150, 18.258

■ 30, 0.044, 203.613

■ 32, 3.029, 197.339

■ 35, 5.821, 196.892

Harmonies

Complementary

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



15, 26.415, 26.704



27, 16.868, 194.608

Rectangle

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



15, 26.415, 26.704



15, 26.415, 76.704



15, 26.415, 206.704



15, 26.415, 256.704

Sweetspot

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



15, 26.414, 26.707



33, 8.737, 19.210



17, 36.209, 326.474



15, 5.849, 19.309



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



15, 26.414, 26.707



19, 40.092, 31.636



21, 21.655, 64.375



13, 1.799, 18.165



19, 48.991, 34.840



47, 94.928, 39.367

Inverse Universe

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



15, 26.414, 26.707



19, 40.092, 31.636



19, 17.325, 264.828



13, 1.799, 18.165



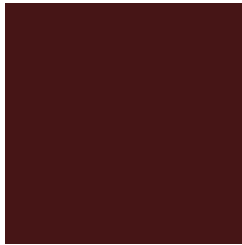
19, 48.991, 34.840



47, 94.928, 39.367

Previews

White Background



This preview shows how the CIE LCh color 15, 26.415, 26.704 looks on a white background.

Color Contrast Check

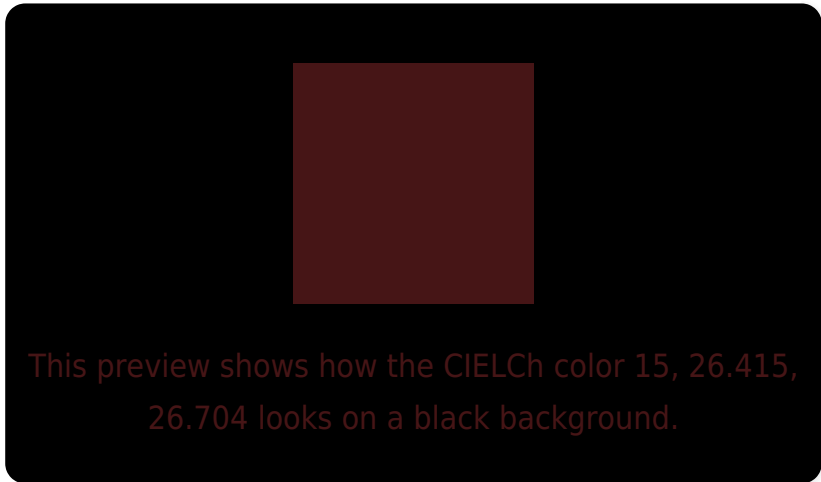
Large Text (above 18pt) WCAG AA ✓ Pass

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

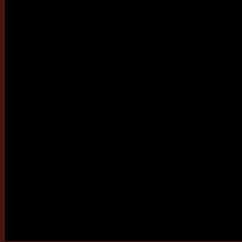
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 26.415, 26.704

Background



This preview shows how black text looks on a background with the CIELCh color 15, 26.415, 26.704.



This preview shows how white text looks on a background with the CIELCh color 15, 26.415, 26.704.

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, 26.415, 26.704

Protanopia

16, 7.156, 95.543

Deuteranopia

15, 14.056, 80.558



Tritanopia
15, 26.415, 26.704

Trichromacy



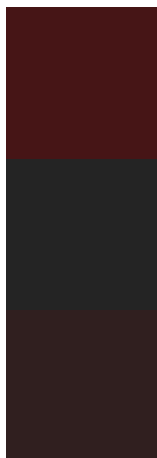
Original Color
15, 26.415, 26.704

Protanomaly
15, 11.308, 43.288

Deuteranomaly
15, 16.550, 49.438

Tritanomaly
15, 26.415, 26.704

Monochromacy



Original Color
15, 26.415, 26.704

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 8.915, 21.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 26.415, 26.704 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(70, 21, 22)` looks like.

```
.text, #text, p{  
    color:rgb(70, 21, 22)  
}
```

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(70, 21, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 21, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 26.415, 26.704 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(70, 21, 22) }
```

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

```
.border{ border-color:rgb(70, 21, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 21, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 21, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 21, 22);  
box-shadow:4px 4px 4px 4px rgb(70, 21, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 26.415, 26.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 21, 22) }
```

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

```
.background{ background-color: rgb(70, 21,  
22) }
```

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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