

Converting Colors

CIELCh(15, 18.680, 107.740)

Have a look what the booklet for
CIELCh(15, 18.680, 107.740)
contains.

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Color

CIELCh(15, 18.355, 107.341)

Conversions

Conversions Part 1

Format	Color
Hex	26270A
RGB	38, 39, 10
RGB Percent	15%, 15%, 4%
CMY	0.8500, 0.8460, 0.9592
CMYK	0.03, 0.00, 0.73, 0.85
HSL	62°, 58%, 10%
HSV	62°, 73%, 15%
XYZ	1.6002, 1.9086, 0.5832
YIQ	35.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

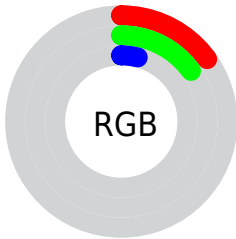
Format	Color
RYB	10, 39, 11
Decimal	2500362
CIELab	15.00, -5.47, 17.52
CIELCh	15, 18.355, 107.341
Yxy	1.9086, 0.3911, 0.4664
Android (android.graphics.Color)	4280690442 (0xFF26270A)
YUV	35.3950, -12.5197, 2.2846
Hunter-Lab	13.8151, -3.5006, 7.1678

Details

The CIELCh color **15, 18.355, 107.341** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4, 19.951, 294.407**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 18.387, 107.030**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 19.941, 107.282**, and if you desaturate by 10%, it is **15, 16.551, 107.491**.

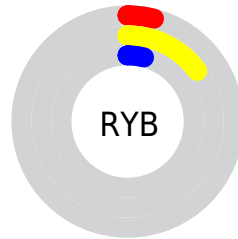
Distribution



Red (15%)

Green (15%)

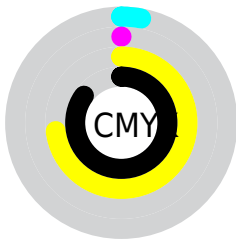
Blue (4%)



Red (4%)

Yellow (15%)

Blue (4%)

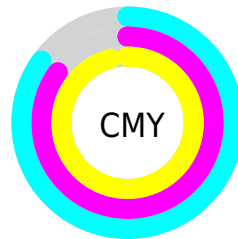


Cyan (3%)

Magenta (0%)

Yellow (73%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 18.355, 107.341 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, 18.355, 107.341 by changing the saturation by 10% instead.

■ 15, 18.355,
107.341

■ 15, 18.355,
107.341

■ 100, 18.355,
107.341

■ 5, 18.355, 107.341

■ 35, 18.355,
107.341

■ 0, 18.355, 107.341

■ 45, 18.355,
107.341


■ 55, 18.355,
107.341


■ 65, 18.355,
107.341


■ 75, 18.355,
107.341


■ 85, 18.355,


107.341


 95, 18.355,
107.341


 15, 18.355,
107.341


 15, 18.355,
107.341


 15, 19.941,
107.282

 15, 16.551,
107.491

 15, 21.527,
107.248

 15, 14.363,
107.827

 15, 22.562,
107.238

 15, 11.811,
108.459

 15, 9.148, 109.168

 15, 6.440, 109.886

 16, 3.705, 110.603

■ 16, 0.955, 111.303

■ 16, 1.801, 292.030

■ 16, 4.557, 292.708

Harmonies

Complementary

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



15, 18.355, 107.341



4, 19.951, 294.407

Rectangle

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



15, 18.355, 107.341



15, 18.355, 157.341



15, 18.355, 287.341



15, 18.355, 337.341

Sweetspot

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



15, 18.355, 107.343



21, 7.531, 109.890



6, 15.124, 21.579



9, 4.677, 111.005



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



15, 18.355, 107.343



20, 26.857, 105.870



14, 20.251, 129.477



6, 1.302, 111.615



34, 43.304, 104.863



82, 84.291, 105.051

Inverse Universe

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



4, 19.951, 294.407



4, 31.107, 298.272



5, 21.286, 311.034



6, 1.306, 291.515



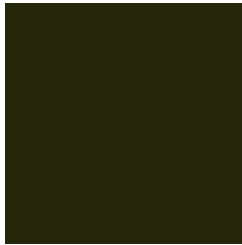
6, 58.705, 306.070



26, 116.100, 306.375

Previews

White Background



This preview shows how the CIE LCh color 15, 18.355, 107.341 looks on a white background.

Color Contrast Check

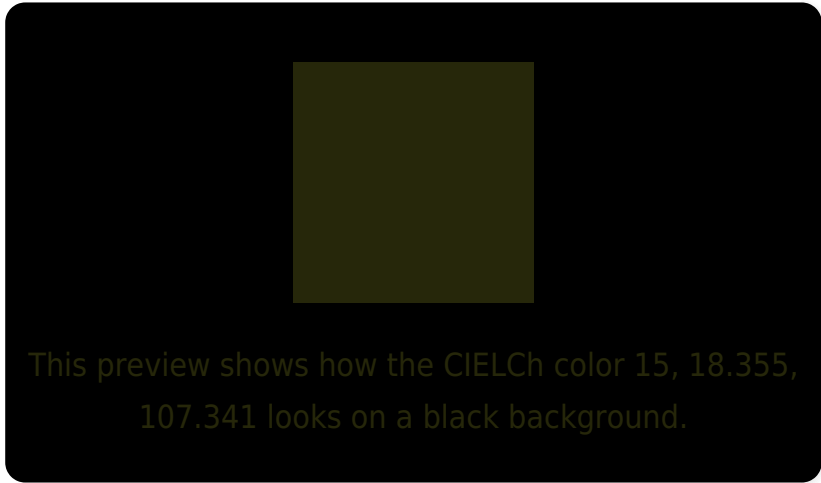
Large Text (above 18pt) WCAG AA ✓ Pass

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

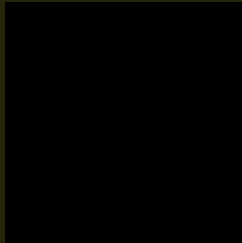
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 18.355, 107.341

Background



This preview shows how black text looks on a background with the CIELCh color 15, 18.355, 107.341.

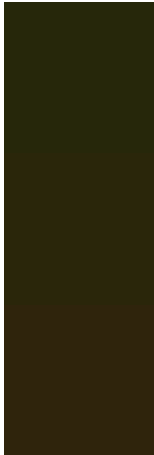


This preview shows how white text looks on a background with the CIELCh color 15, 18.355, 107.341.

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, 18.355, 107.341

Protanopia

15, 17.905, 98.347

Deuteranopia

15, 17.009, 84.191



Tritanopia
15, 2.879, 332.803

Trichromacy



Original Color
15, 18.355, 107.341

Protanomaly
15, 17.827, 100.186

Deuteranomaly
15, 17.236, 92.389

Tritanomaly
15, 6.395, 99.002

Monochromacy



Original Color
15, 18.355, 107.341

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 7.034, 108.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 18.355, 107.341 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(38, 39, 10)` looks like.

```
.text, #text, p{  
    color:rgb(38, 39, 10)  
}
```

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(38, 39, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 39, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 18.355, 107.341 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(38, 39, 10) }
```

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

```
.border{ border-color:rgb(38, 39, 10) }
```

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

Here you see how a box with a 4 pixel rgb(38, 39, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 39, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 39, 10);  
box-shadow:4px 4px 4px 4px rgb(38, 39, 10)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 18.355, 107.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 39, 10) }
```

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

```
.background{ background-color: rgb(38, 39,  
10) }
```

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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