

Converting Colors

CIELCh(18, 11.242, 342.947)

Have a look what the booklet for
CIELCh(18, 11.242, 342.947)
contains.

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Color

CIELCh(18, 10.881, 343.084)

Conversions

Conversions Part 1

Format	Color
Hex	392731
RGB	57, 39, 49
RGB Percent	22%, 15%, 19%
CMY	0.7774, 0.8480, 0.8088
CMYK	0.00, 0.32, 0.14, 0.78
HSL	327°, 19%, 19%
HSV	327°, 32%, 22%
XYZ	2.9404, 2.5180, 3.2104
YIQ	45.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

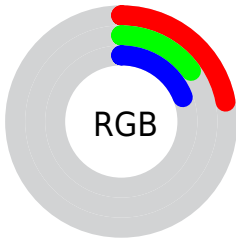
Format	Color
R_{YB}	57, 39, 49
Decimal	3745585
CIE _{Lab}	18.00, 10.41, -3.17
CIE _{LCh}	18, 10.881, 343.084
Yxy	2.5180, 0.3392, 0.2905
Android (android.graphics.Color)	4281935665 (0xFF392731)
YUV	45.5220, 1.7147, 10.0662
Hunter-Lab	15.8683, 5.3068, -0.8873

Details

The CIELCh color **18, 10.881, 343.084** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 10.611, 158.390**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 10.827, 342.525**, and **0, 1.664, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **16, 14.317, 343.972**, and if you desaturate by 10%, it is **20, 7.412, 342.276**.

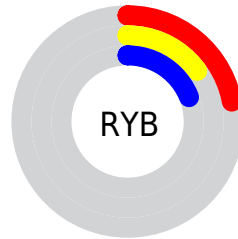
Distribution



 Red (22%)

 Green (15%)

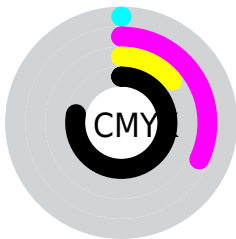
 Blue (19%)



 Red (22%)

 Yellow (15%)

 Blue (19%)

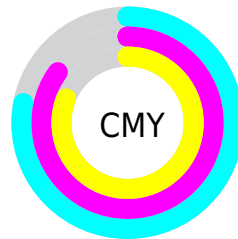


 Cyan (0%)

 Magenta (32%)

 Yellow (14%)

 Black (78%)



 Cyan (78%)

 Magenta (85%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 10.881, 343.084 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 18, 10.881, 343.084 by changing the saturation by 10% instead.

■ 18, 10.881,
343.084

■ 18, 10.881,
343.084

■ 100, 10.881,
343.084

■ 8, 10.881, 343.084

■ 38, 10.881,
343.084

■ 0, 10.881, 343.084

■ 48, 10.881,
343.084


■ 58, 10.881,
343.084


■ 68, 10.881,
343.084


■ 78, 10.881,
343.084


■ 88, 10.881,

343.084


 98, 10.881,
343.084

 18, 10.881,
343.084


 18, 10.881,
343.084

 16, 14.317,
343.972


 20, 7.412, 342.276

 15, 17.648,
344.960


 22, 3.964, 341.522

 13, 20.778,
346.078


 24, 0.569, 340.601

 12, 23.588,
347.370

 27, 5.982, 159.685

 11, 25.946,
348.891

 29, 9.122, 159.122

 31, 12.170,

■ 10, 28.146, 158.599
350.433

■ 33, 15.127,
■ 9, 30.262, 351.476 158.108

■ 35, 17.997,
157.646

Harmonies

Complementary

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



18, 10.881, 343.084



22, 10.611, 158.390

Rectangle

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



18, 10.881, 343.084



18, 10.881, 33.084



18, 10.881, 163.084



18, 10.881, 213.084

Sweetspot

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



18, 10.880, 343.085



29, 4.225, 341.432



17, 13.021, 308.137



14, 2.912, 341.467



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



18, 10.880, 343.085



23, 16.286, 343.801



18, 9.058, 16.425



9, 1.854, 341.270



18, 41.171, 354.175



48, 76.538, 357.275

Inverse Universe

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



18, 10.880, 343.085



23, 16.286, 343.801



22, 7.721, 192.005



9, 1.854, 341.270



18, 41.171, 354.175



48, 76.538, 357.275

Previews

White Background



This preview shows how the CIE LCh color 18, 10.881, 343.084 looks on a white background.

Color Contrast Check

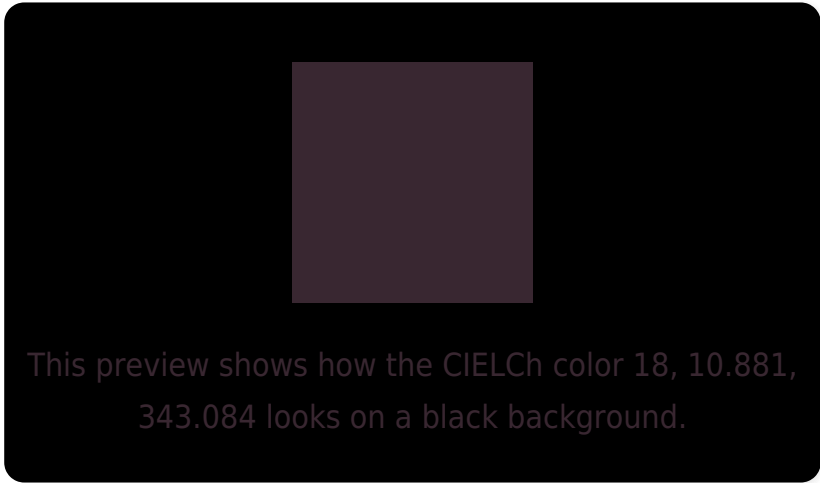
Large Text (above 18pt) WCAG AA ✓ Pass

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

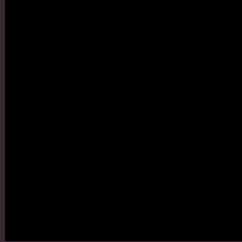
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 10.881, 343.084

Background



This preview shows how black text looks on a background with the CIELCh color 18, 10.881, 343.084.



This preview shows how white text looks on a background with the CIELCh color 18, 10.881, 343.084.

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

18, 10.881, 343.084

Protanopia

18, 5.530, 286.957

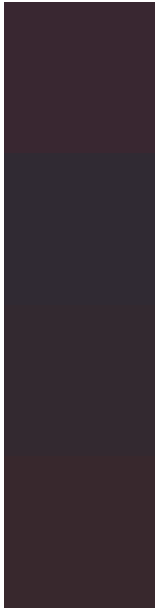
Deuteranopia

18, 3.943, 319.170



Tritanopia
18, 8.113, 6.758

Trichromacy



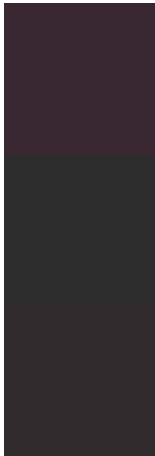
Original Color
18, 10.881, 343.084

Protanomaly
18, 6.831, 315.280

Deuteranomaly
18, 6.757, 335.408

Tritanomaly
18, 8.458, 357.649

Monochromacy



Original Color
18, 10.881, 343.084

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 3.533, 344.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 10.881, 343.084 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(57, 39, 49)` looks like.

```
.text, #text, p{  
    color:rgb(57, 39, 49)  
}
```

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(57, 39, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 39, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 10.881, 343.084 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(57, 39, 49) }
```

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

```
.border{ border-color:rgb(57, 39, 49) }
```

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

Here you see how a box with a 4 pixel rgb(57, 39, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 39, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 39, 49);  
box-shadow:4px 4px 4px 4px rgb(57, 39, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 10.881, 343.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 39, 49) }
```

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

```
.background{ background-color: rgb(57, 39,  
49) }
```

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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