

Converting Colors

CIELCh(18, 16.284, 330.338)

Have a look what the booklet for
CIELCh(18, 16.284, 330.338)
contains.

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Color

CIELCh(18, 16.284, 330.338)

Conversions

Conversions Part 1

Format	Color
Hex	3B2538
RGB	59, 37, 56
RGB Percent	23%, 15%, 22%
CMY	0.7694, 0.8557, 0.7812
CMYK	0.00, 0.37, 0.05, 0.77
HSL	308°, 23%, 19%
HSV	308°, 37%, 23%
XYZ	3.1557, 2.5180, 4.0350
YIQ	45.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

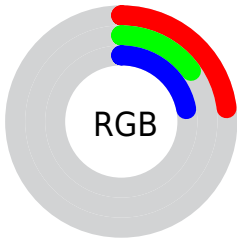
Format	Color
R_{YB}	59, 37, 56
Decimal	3876152
CIE _{Lab}	18.00, 14.15, -8.06
CIE _{LCh}	18, 16.284, 330.338
Yxy	2.5180, 0.3250, 0.2594
Android (android.graphics.Color)	4282066232 (0xFF3B2538)
YUV	45.7440, 5.0562, 11.6255
Hunter-Lab	15.8683, 7.7279, -3.9684

Details

The CIELCh color **18, 16.284, 330.338** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 16.257, 145.990**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 16.488, 330.506**, and **1, 5.649, 319.568** is the 20% darker color. If you saturate the color by 10%, you get **16, 20.477, 330.873**, and if you desaturate by 10%, it is **20, 11.955, 329.805**.

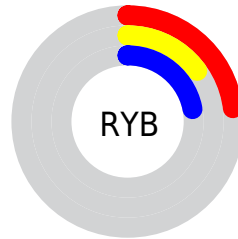
Distribution



Red (23%)

Green (15%)

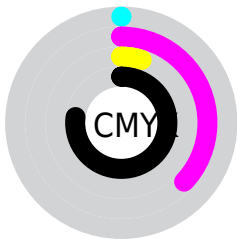
Blue (22%)



Red (23%)

Yellow (15%)

Blue (22%)

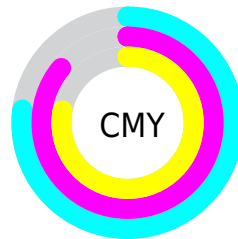


Cyan (0%)

Magenta (37%)

Yellow (5%)

Black (77%)



Cyan (77%)


Magenta (86%)


Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 16.284, 330.338 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, 16.284, 330.338 by changing the saturation by 10% instead.

 18, 16.284,
330.338


 18, 16.284,
330.338


 100, 16.284,
330.338


 8, 16.284, 330.338


 38, 16.284,
330.338

 0, 16.284, 330.338

 48, 16.284,
330.338


 58, 16.284,
330.338


 68, 16.284,
330.338

 78, 16.284,
330.338


 88, 16.284,


330.338

 98, 16.284,
330.338

 18, 16.284,
330.338


 18, 16.284,
330.338

 16, 20.477,
330.873


 20, 11.955,
329.805


 15, 24.432,
331.406


 22, 7.575, 329.274

 14, 28.019,
331.935

 23, 3.205, 328.736

 12, 31.099,
332.460

 25, 1.115, 148.382

 11, 33.632,
332.981

 29, 9.504, 147.328

■ 11, 36.285,
333.465

■ 31, 13.547,
146.874

■ 10, 37.025,
333.584

■ 33, 17.482,
146.441

■ 35, 21.310,
146.029

Harmonies

Complementary

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



18, 16.284, 330.338



22, 16.257, 145.990

Rectangle

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



18, 16.284, 330.338



18, 16.284, 20.338



18, 16.284, 150.338



18, 16.284, 200.338

Sweetspot

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



18, 16.283, 330.338



30, 5.952, 328.961



16, 15.532, 298.519



14, 3.926, 328.975



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, 16.283, 330.338



23, 24.229, 330.857



18, 11.922, 354.991



10, 2.489, 328.797



20, 50.527, 334.064



51, 93.384, 334.607

Inverse Universe

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



18, 16.283, 330.338



23, 24.229, 330.857



23, 11.078, 168.306



10, 2.489, 328.797



20, 50.527, 334.064



51, 93.384, 334.607

Previews

White Background



This preview shows how the CIE LCh color 18, 16.284, 330.338 looks on a white background.

Color Contrast Check

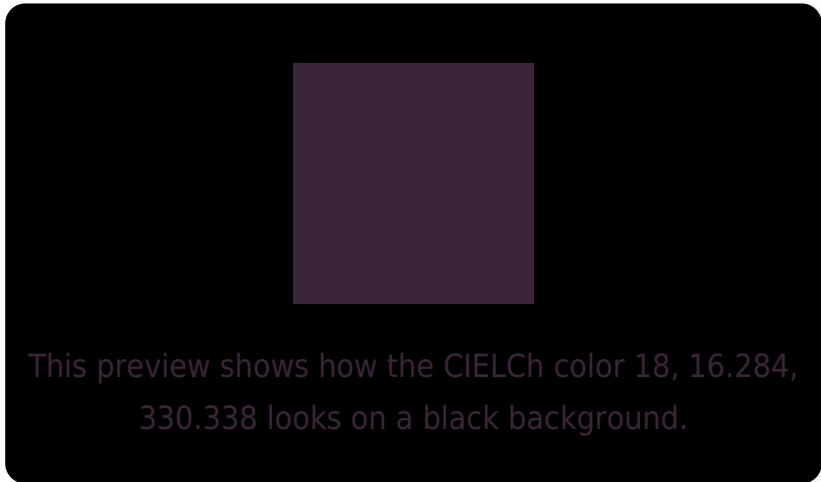
Large Text (above 18pt) WCAG AA ✓ Pass

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

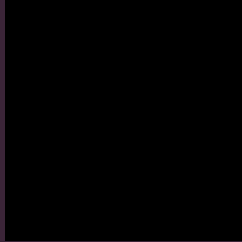
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 16.284, 330.338

Background



This preview shows how black text looks on a background with the CIELCh color 18, 16.284, 330.338.



This preview shows how white text looks on a background with the CIELCh color 18, 16.284, 330.338.

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, 16.284, 330.338

Protanopia

18, 11.826, 283.274

Deuteranopia

18, 8.300, 292.243



Tritanopia
18, 9.123, 8.698

Trichromacy



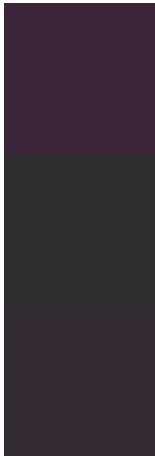
Original Color
18, 16.284, 330.338

Protanomaly
18, 12.694, 302.785

Deuteranomaly
18, 10.359, 312.475

Tritanomaly
18, 11.322, 349.341

Monochromacy



Original Color
18, 16.284, 330.338

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 6.104, 328.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 16.284, 330.338 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(59, 37, 56)` looks like.

```
.text, #text, p{  
    color:rgb(59, 37, 56)  
}
```

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(59, 37, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 37, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 16.284, 330.338 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(59, 37, 56) }
```

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

```
.border{ border-color:rgb(59, 37, 56) }
```

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

Here you see how a box with a 4 pixel rgb(59, 37, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 37, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 37, 56);  
box-shadow:4px 4px 4px 4px rgb(59, 37, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 16.284, 330.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 37, 56) }
```

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

```
.background{ background-color: rgb(59, 37,  
56) }
```

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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