

Converting Colors

CIELCh(16, 15.148, 43.348)

Have a look what the booklet for
CIELCh(16, 15.148, 43.348) contains.

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Color

CIELCh(16, 15.325, 40.837)

Conversions

Conversions Part 1

Format	Color
Hex	3B211A
RGB	59, 33, 26
RGB Percent	23%, 13%, 10%
CMY	0.7683, 0.8703, 0.8978
CMYK	0.00, 0.44, 0.56, 0.77
HSL	13°, 39%, 17%
HSV	13°, 56%, 23%
XYZ	2.5420, 2.0993, 1.2528
YIQ	39.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

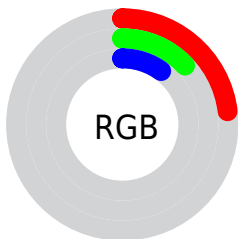
Format	Color
R_{YB}	59, 35, 26
Decimal	3875098
CIE Lab	16.00, 11.59, 10.02
CIE LCh	16, 15.325, 40.837
Yxy	2.0993, 0.4313, 0.3562
Android (android.graphics.Color)	4282065178 (0xFF3B211A)
YUV	39.9760, -6.8902, 16.6840
Hunter-Lab	14.4890, 5.9609, 5.0158

Details

The CIELCh color **16, 15.325, 40.837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20, 10.715, 224.464**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 15.488, 39.790**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 18.667, 41.212**, and if you desaturate by 10%, it is **17, 12.148, 40.580**.

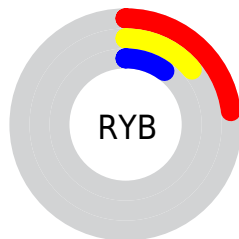
Distribution



Red (23%)

Green (13%)

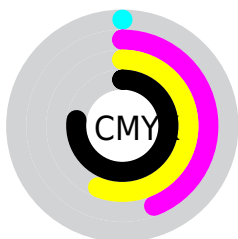
Blue (10%)



Red (23%)

Yellow (14%)

Blue (10%)

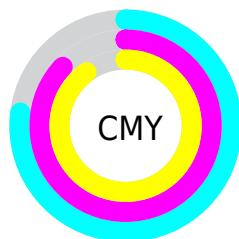


Cyan (0%)

Magenta (44%)

Yellow (56%)

Black (77%)



Cyan (77%)

Magenta (87%)

Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 15.325, 40.837 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 16, 15.325, 40.837 by changing the saturation by 10% instead.

 16, 15.325, 40.837

 16, 15.325, 40.837

 100, 15.325,
40.837

 6, 15.325, 40.837

 36, 15.325, 40.837

 0, 15.325, 40.837

 46, 15.325, 40.837

 56, 15.325, 40.837

 66, 15.325, 40.837

 76, 15.325, 40.837

 86, 15.325, 40.837

 96, 15.325, 40.837

■ 16, 15.325, 40.837

■ 16, 15.325, 40.837

■ 15, 18.667, 41.212

■ 17, 12.148, 40.580

■ 13, 21.695, 40.374

■ 19, 9.166, 40.458

■ 12, 24.234, 38.464

■ 21, 6.378, 40.452

■ 11, 26.582, 37.036

■ 22, 3.776, 40.529

■ 11, 27.513, 36.699

■ 24, 1.349, 40.600

■ 26, 0.918, 221.258

■ 27, 3.039, 221.368

■ 29, 5.028, 221.656

■ 31, 6.900, 221.986

Harmonies

Complementary

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



16, 15.325, 40.837



20, 10.715, 224.464

Rectangle

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



16, 15.325, 40.837



16, 15.325, 90.837



16, 15.325, 220.837



16, 15.325, 270.837

Sweetspot

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



16, 15.324, 40.841



29, 5.051, 40.510



15, 22.941, 333.727



13, 3.320, 40.507



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



16, 15.324, 40.841



20, 23.887, 41.487



21, 16.348, 87.450



11, 1.325, 40.600



20, 43.938, 42.257



49, 89.222, 43.589

Inverse Universe

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



20, 10.715, 224.464



26, 14.911, 226.480



14, 16.610, 282.205



11, 1.268, 221.260



29, 21.216, 235.294



66, 39.893, 238.764

Previews

White Background



This preview shows how the CIELCh color 16, 15.325, 40.837 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

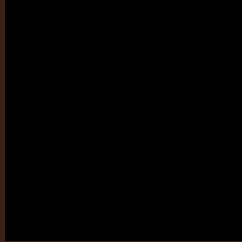
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 15.325, 40.837

Background



This preview shows how black text looks on a background with the CIELCh color 16, 15.325, 40.837.

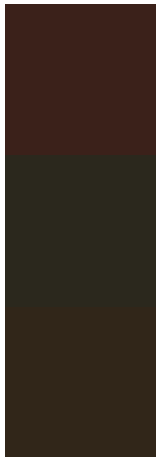


This preview shows how white text looks on a background with the CIELCh color 16, 15.325, 40.837.

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

16, 15.325, 40.837

Protanopia

16, 7.807, 96.449

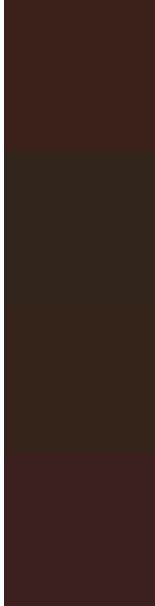
Deuteranopia

16, 10.975, 74.514



Tritanopia
16, 14.538, 18.035

Trichromacy



Original Color

16, 15.325, 40.837

Protanomaly

16, 9.117, 63.449

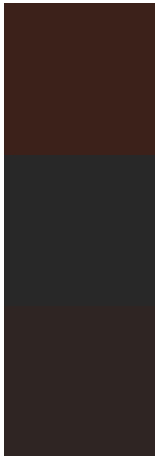
Deuteranomaly

16, 12.319, 58.782

Tritanomaly

16, 14.898, 25.952

Monochromacy



Original Color

16, 15.325, 40.837

Achromatopsia

16, 0.003, 296.813

Achromatomaly

16, 5.308, 35.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 15.325, 40.837 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, 33, 26)` looks like.

```
.text, #text, p{  
    color:rgb(59, 33, 26)  
}
```

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, 33, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 33, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 15.325, 40.837 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, 33, 26) }
```

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

```
.border{ border-color:rgb(59, 33, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 33, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 33, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 33, 26);  
box-shadow:4px 4px 4px 4px rgb(59, 33, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 15.325, 40.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 33, 26) }
```

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

```
.background{ background-color: rgb(59, 33,  
26) }
```

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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