

Converting Colors

CIELCh(16, 17.003, 350.007)

Have a look what the booklet for
CIELCh(16, 17.003, 350.007)
contains.

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Color

CIELCh(16, 17.042, 350.089)

Conversions

Conversions Part 1

Format	Color
Hex	3C1E2C
RGB	60, 30, 44
RGB Percent	24%, 12%, 17%
CMY	0.7634, 0.8812, 0.8262
CMYK	0.00, 0.50, 0.27, 0.76
HSL	332°, 33%, 18%
HSV	332°, 50%, 24%
XYZ	2.8162, 2.0993, 2.6701
YIQ	40.5660, 13.3860, 10.7140

Conversions

Conversions Part 2

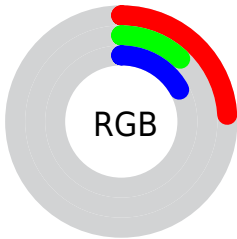
Format	Color
R_{YB}	60, 30, 44
Decimal	3939884
CIE _{Lab}	16.00, 16.79, -2.93
CIE _{LCh}	16, 17.042, 350.089
Yxy	2.0993, 0.3713, 0.2768
Android (android.graphics.Color)	4282129964 (0xFF3C1E2C)
YUV	40.5660, 1.6930, 17.0436
Hunter-Lab	14.4890, 9.3385, -0.7839

Details

The CIELCh color **16, 17.042, 350.089** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 16.047, 161.099**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 16.568, 350.833**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 20.274, 351.423**, and if you desaturate by 10%, it is **18, 13.642, 348.939**.

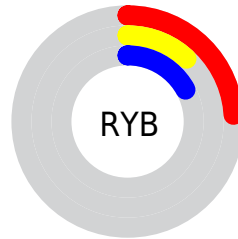
Distribution



Red (24%)

Green (12%)

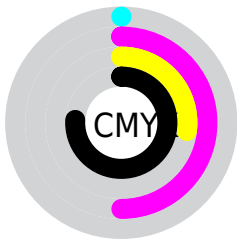
Blue (17%)



Red (24%)

Yellow (12%)

Blue (17%)

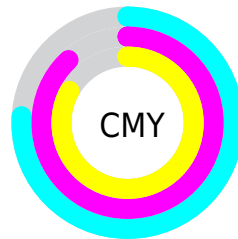


Cyan (0%)

Magenta (50%)

Yellow (27%)

Black (76%)



Cyan (76%)

Magenta (88%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 17.042, 350.089 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, 17.042, 350.089 by changing the saturation by 10% instead.

■ 16, 17.042,
350.089

■ 16, 17.042,
350.089

■ 100, 17.042,
350.089

■ 6, 17.042, 350.089

■ 36, 17.042,
350.089

■ 0, 17.042, 350.089

■ 46, 17.042,
350.089


■ 56, 17.042,
350.089


■ 66, 17.042,
350.089


■ 76, 17.042,
350.089

■ 86, 17.042,


350.089


 96, 17.042,
350.089


 16, 17.042,
350.089


 16, 17.042,
350.089

 14, 20.274,
351.423


 18, 13.642,
348.939

 13, 23.224,
352.995

 20, 10.173,
347.926

 12, 25.756,
354.885

 22, 6.702, 347.017

 11, 27.941,
357.008

 23, 3.277, 346.178

 26, 0.074, 167.921

 9, 30.451, 358.764

 28, 3.333, 164.869

■ 9, 30.514, 358.800

■ 30, 6.493, 164.216

■ 32, 9.551, 163.625

■ 34, 12.509,
163.079

Harmonies

Complementary

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



16, 17.042, 350.089



23, 16.047, 161.099

Rectangle

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



16, 17.042, 350.089



16, 17.042, 40.089



16, 17.042, 170.089



16, 17.042, 220.089

Sweetspot

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



16, 17.041, 350.090



30, 6.345, 346.671



15, 22.175, 312.295



14, 4.372, 346.739



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



16, 17.041, 350.090



20, 25.378, 351.872



16, 15.496, 26.064



10, 1.881, 346.068



18, 40.949, 1.991



48, 76.001, 5.848

Inverse Universe

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



16, 17.041, 350.090



20, 25.378, 351.872



23, 11.307, 200.894



10, 1.881, 346.068



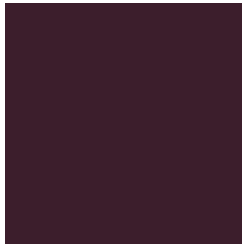
18, 40.949, 1.991



48, 76.001, 5.848

Previews

White Background



This preview shows how the CIELCh color 16, 17.042, 350.089 looks on a white background.

Color Contrast Check

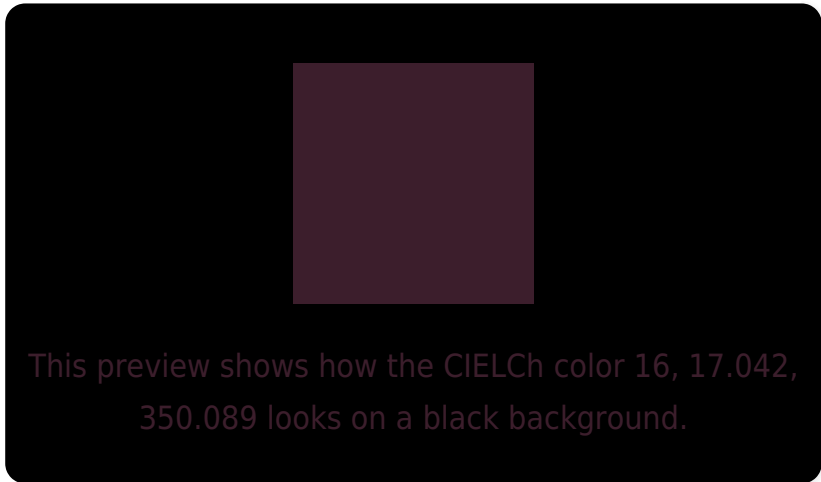
Large Text (above 18pt) WCAG AA ✓ Pass

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

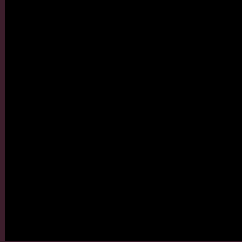
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 17.042, 350.089

Background



This preview shows how black text looks on a background with the CIELCh color 16, 17.042, 350.089.



This preview shows how white text looks on a background with the CIELCh color 16, 17.042, 350.089.

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, 17.042, 350.089

Protanopia

16, 7.724, 285.753

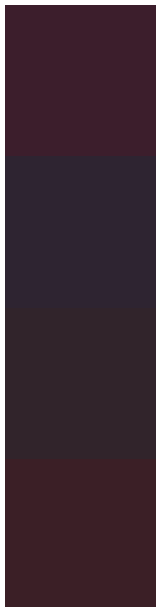
Deuteranopia

16, 3.404, 324.825



Tritanopia
16, 13.976, 14.864

Trichromacy



Original Color
16, 17.042, 350.089

Protanomaly
16, 10.243, 318.836

Deuteranomaly
16, 7.940, 343.497

Tritanomaly
16, 14.701, 4.621

Monochromacy



Original Color
16, 17.042, 350.089

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 6.376, 347.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 17.042, 350.089 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(60, 30, 44)` looks like.

```
.text, #text, p{  
    color:rgb(60, 30, 44)  
}
```

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(60, 30, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 30, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 17.042, 350.089 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(60, 30, 44) }
```

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

```
.border{ border-color:rgb(60, 30, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 30, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 30, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 30, 44);  
box-shadow:4px 4px 4px 4px rgb(60, 30, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 17.042, 350.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 30, 44) }
```

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

```
.background{ background-color: rgb(60, 30,  
44) }
```

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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