

Converting Colors

CIELCh(17, 17.818, 339.500)

Have a look what the booklet for
CIELCh(17, 17.818, 339.500)
contains.

CIELCh(17, 17.655, 339.930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(17, 17.655, 339.930)

Conversions

Conversions Part 1

Format	Color
Hex	3D2133
RGB	61, 33, 51
RGB Percent	24%, 13%, 20%
CMY	0.7615, 0.8712, 0.8007
CMYK	0.00, 0.46, 0.16, 0.76
HSL	321°, 30%, 18%
HSV	321°, 46%, 24%
XYZ	3.0463, 2.3023, 3.3960
YIQ	43.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

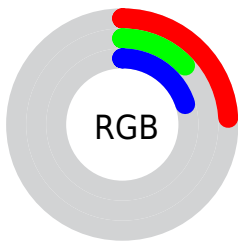
Format	Color
R_{YB}	61, 33, 51
Decimal	4006195
CIE Lab	17.00, 16.58, -6.06
CIE LCh	17, 17.655, 339.930
Yxy	2.3023, 0.3484, 0.2633
Android (android.graphics.Color)	4282196275 (0xFF3D2133)
YUV	43.4240, 3.7350, 15.4142
Hunter-Lab	15.1734, 9.2836, -2.6483

Details

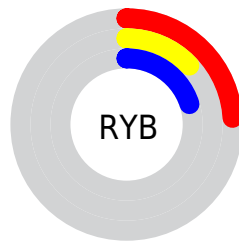
The CIELCh color **17, 17.655, 339.930** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 17.331, 153.076**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 17.432, 340.173**, and **1, 2.788, 353.688** is the 20% darker color. If you saturate the color by 10%, you get **15, 21.241, 340.812**, and if you desaturate by 10%, it is **19, 13.880, 339.125**.

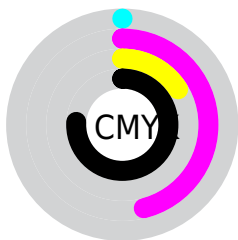
Distribution



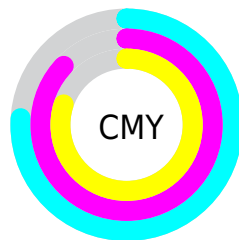
- Red (24%)
- Green (13%)
- Blue (20%)



- Red (24%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (16%)
- Black (76%)



- Cyan (76%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 17.655, 339.930 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 17, 17.655, 339.930 by changing the saturation by 10% instead.

■ 17, 17.655,
339.930

■ 17, 17.655,
339.930

■ 100, 17.655,
339.930

■ 7, 17.655, 339.930

■ 37, 17.655,
339.930

■ 0, 17.655, 339.930

■ 47, 17.655,
339.930


■ 57, 17.655,
339.930


■ 67, 17.655,
339.930


■ 77, 17.655,
339.930


■ 87, 17.655,


339.930

 97, 17.655,
339.930


 17, 17.655,
339.930


 17, 17.655,
339.930

 15, 21.241,
340.812

 19, 13.880,
339.125

 14, 24.518,
341.794

 21, 10.017,
338.380


 13, 27.343,
342.908

 23, 6.136, 337.680

 12, 29.602,
344.186

 24, 2.288, 336.991

 26, 1.496, 156.554

 10, 31.902,
345.374

 29, 5.195, 155.908

■ 10, 32.918,
345.789

■ 31, 8.799, 155.355

■ 33, 12.304,
154.840

■ 35, 15.709,
154.355

Harmonies

Complementary

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



17, 17.655, 339.930



23, 17.331, 153.076

Rectangle

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



17, 17.655, 339.930



17, 17.655, 29.930



17, 17.655, 159.930



17, 17.655, 209.930

Sweetspot

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



17, 17.654, 339.931



30, 6.669, 337.586



15, 20.203, 306.265



14, 4.649, 337.649



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



17, 17.654, 339.931



21, 25.889, 340.950



16, 14.424, 11.979



10, 2.126, 337.164



19, 43.677, 347.500



49, 80.163, 349.647

Inverse Universe

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



17, 17.654, 339.931



21, 25.889, 340.950



23, 11.832, 183.604



10, 2.126, 337.164



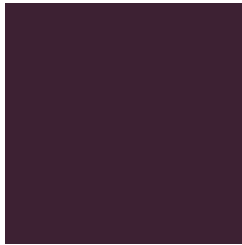
19, 43.677, 347.500



49, 80.163, 349.647

Previews

White Background



This preview shows how the CIELCh color 17, 17.655, 339.930 looks on a white background.

Color Contrast Check

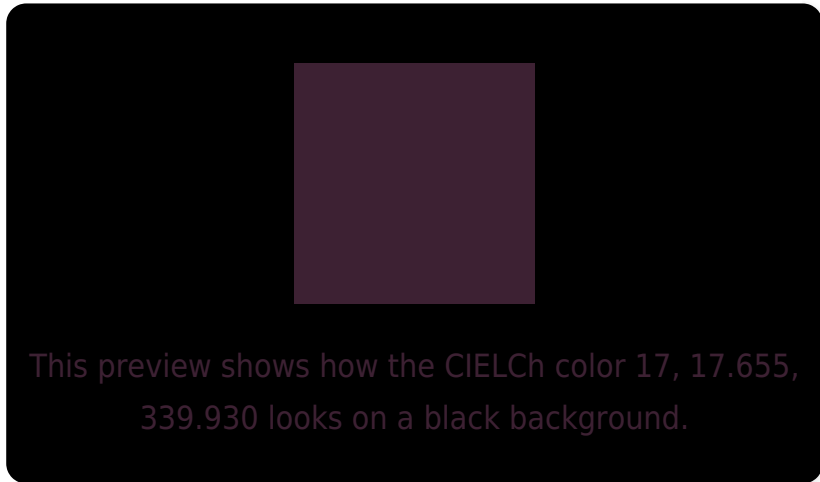
Large Text (above 18pt) WCAG AA ✓ Pass

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

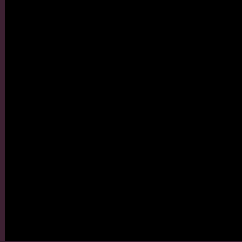
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 17.655, 339.930

Background



This preview shows how black text looks on a background with the CIELCh color 17, 17.655, 339.930.



This preview shows how white text looks on a background with the CIELCh color 17, 17.655, 339.930.

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

17, 17.655, 339.930

Protanopia

17, 10.496, 283.779

Deuteranopia

17, 5.661, 300.813



Tritanopia
17, 12.290, 13.071

Trichromacy



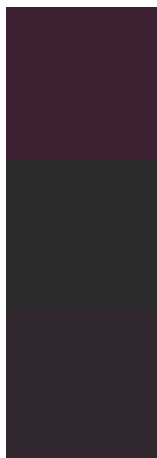
Original Color
17, 17.655, 339.930

Protanomaly
17, 11.610, 308.137

Deuteranomaly
17, 9.791, 323.160

Tritanomaly
17, 13.982, 357.147

Monochromacy



Original Color
17, 17.655, 339.930

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 6.801, 335.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 17.655, 339.930 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(61, 33, 51)` looks like.

```
.text, #text, p{  
    color:rgb(61, 33, 51)  
}
```

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(61, 33, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 33, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 17.655, 339.930 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(61, 33, 51) }
```

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

```
.border{ border-color:rgb(61, 33, 51) }
```

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

Here you see how a box with a 4 pixel rgb(61, 33, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 33, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 33, 51);  
box-shadow:4px 4px 4px 4px rgb(61, 33, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 17.655, 339.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 33, 51) }
```

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

```
.background{ background-color: rgb(61, 33,  
51) }
```

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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