

Converting Colors

CIELCh(17, 22.563, 330.485)

Have a look what the booklet for
CIELCh(17, 22.563, 330.485)
contains.

CIELCh(17, 22.611, 330.787)	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, 22.611, 330.787)

Conversions

Conversions Part 1

Format	Color
Hex	3E1F3A
RGB	62, 31, 58
RGB Percent	24%, 12%, 23%
CMY	0.7572, 0.8787, 0.7729
CMYK	0.00, 0.50, 0.06, 0.76
HSL	308°, 33%, 18%
HSV	308°, 50%, 24%
XYZ	3.2314, 2.3023, 4.2667
YIQ	43.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

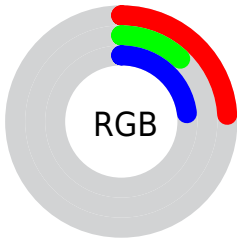
Format	Color
RYB	62, 31, 58
Decimal	4071226
CIELab	17.00, 19.74, -11.04
CIELCh	17, 22.611, 330.787
Yxy	2.3023, 0.3297, 0.2349
Android (android.graphics.Color)	4282261306 (0xFF3E1F3A)
YUV	43.3470, 7.2239, 16.3587
Hunter-Lab	15.1734, 11.4601, -6.0507

Details

The CIELCh color **17, 22.611, 330.787** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 22.652, 144.600**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 22.500, 330.520**, and **1, 6.623, 317.662** is the 20% darker color. If you saturate the color by 10%, you get **15, 26.652, 331.315**, and if you desaturate by 10%, it is **19, 18.274, 330.255**.

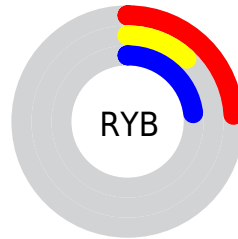
Distribution



Red (24%)

Green (12%)

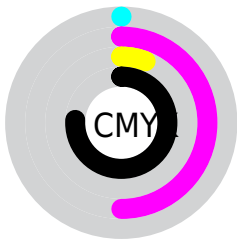
Blue (23%)



Red (24%)

Yellow (12%)

Blue (23%)

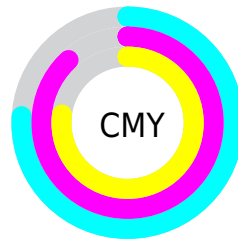


Cyan (0%)

Magenta (50%)

Yellow (6%)

Black (76%)



Cyan (76%)


Magenta (88%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 17, 22.611, 330.787 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, 22.611, 330.787 by changing the saturation by 10% instead.

 17, 22.611,
330.787


 17, 22.611,
330.787


 100, 22.611,
330.787


 7, 22.611, 330.787


 37, 22.611,
330.787

 0, 22.611, 330.787

 47, 22.611,
330.787

 57, 22.611,
330.787


 67, 22.611,
330.787


 77, 22.611,
330.787


 87, 22.611,


330.787


 97, 22.611,
330.787


 17, 22.611,
330.787


 17, 22.611,
330.787


 15, 26.652,
331.315


 19, 18.274,
330.255

 14, 30.257,
331.835


 20, 13.763,
329.721

 13, 33.277,
332.349

 22, 9.175, 329.188

 12, 35.775,
332.853

 24, 4.580, 328.654

 11, 38.448,
333.318

 26, 0.027, 323.541

 28, 4.449, 147.708

■ 30, 8.829, 147.216

■ 32, 13.100,
146.754

■ 34, 17.258,
146.313

Harmonies

Complementary

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



17, 22.611, 330.787



23, 22.652, 144.600

Rectangle

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



17, 22.611, 330.787



17, 22.611, 20.787



17, 22.611, 150.787



17, 22.611, 200.787

Sweetspot

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



17, 22.610, 330.787



31, 8.624, 328.957



14, 22.194, 299.503



14, 5.785, 328.995



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, 22.610, 330.787



21, 33.296, 331.458



16, 16.851, 355.565



10, 2.502, 328.564



20, 50.795, 333.710



51, 93.918, 334.216

Inverse Universe

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



17, 22.610, 330.787



21, 33.296, 331.458



24, 15.377, 165.868



10, 2.502, 328.564



20, 50.795, 333.710



51, 93.918, 334.216

Previews

White Background



This preview shows how the CIE LCh color 17, 22.611, 330.787 looks on a white background.

Color Contrast Check

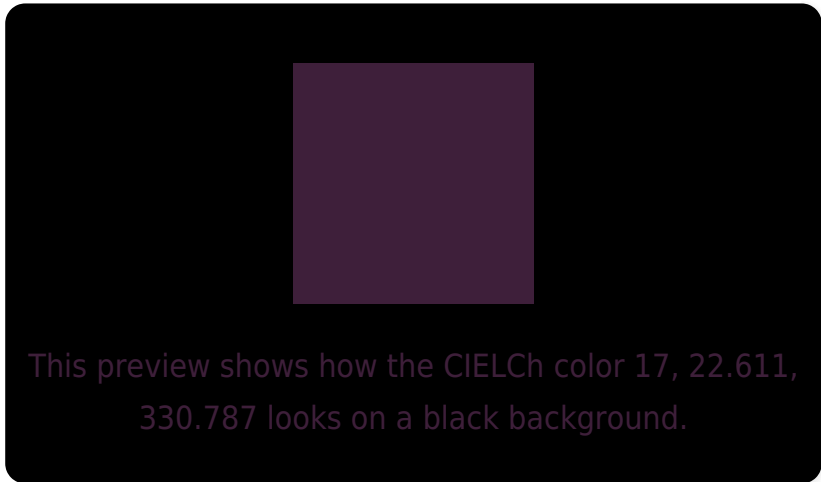
Large Text (above 18pt) WCAG AA ✓ Pass

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

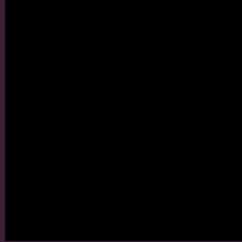
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 22.611, 330.787

Background



This preview shows how black text looks on a background with the CIELCh color 17, 22.611, 330.787.



This preview shows how white text looks on a background with the CIELCh color 17, 22.611, 330.787.

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, 22.611, 330.787

Protanopia

17, 17.490, 283.733

Deuteranopia

17, 9.767, 285.258



Tritanopia
17, 12.249, 16.187

Trichromacy



Original Color
17, 22.611, 330.787

Protanomaly
17, 18.326, 302.055

Deuteranomaly
17, 13.855, 309.573

Tritanomaly
17, 14.875, 353.170

Monochromacy



Original Color
17, 22.611, 330.787

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 8.109, 331.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 22.611, 330.787 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(62, 31, 58)` looks like.

```
.text, #text, p{  
    color:rgb(62, 31, 58)  
}
```

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(62, 31, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 31, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 22.611, 330.787 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(62, 31, 58) }
```

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

```
.border{ border-color:rgb(62, 31, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 31, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 31, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 31, 58);  
box-shadow:4px 4px 4px 4px rgb(62, 31, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 22.611, 330.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 31, 58) }
```

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

```
.background{ background-color: rgb(62, 31,  
58) }
```

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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