

Converting Colors

CIELCh(17, 23.073, 351.195)

Have a look what the booklet for
CIELCh(17, 23.073, 351.195)
contains.

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Color

CIELCh(17, 22.838, 352.605)

Conversions

Conversions Part 1

Format	Color
Hex	461C2F
RGB	70, 28, 47
RGB Percent	27%, 11%, 18%
CMY	0.7271, 0.8916, 0.8171
CMYK	0.00, 0.60, 0.33, 0.73
HSL	333°, 43%, 19%
HSV	333°, 60%, 27%
XYZ	3.4088, 2.3023, 2.9158
YIQ	42.7240, 18.9330, 14.8130

Conversions

Conversions Part 2

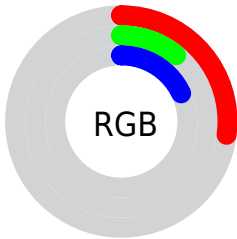
Format	Color
RYB	70, 28, 47
Decimal	4594735
CIELab	17.00, 22.65, -2.94
CIELCh	17, 22.838, 352.605
Yxy	2.3023, 0.3951, 0.2669
Android (android.graphics.Color)	4282784815 (0xFF461C2F)
YUV	42.7240, 2.1081, 23.9211
Hunter-Lab	15.1734, 13.5480, -0.7721

Details

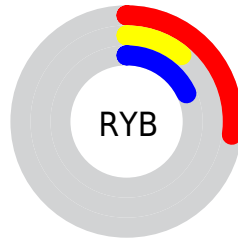
The CIELCh color **17, 22.838, 352.605** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26, 21.205, 160.387**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 22.620, 352.552**, and **2, 7.329, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **15, 26.068, 354.331**, and if you desaturate by 10%, it is **19, 19.254, 351.161**.

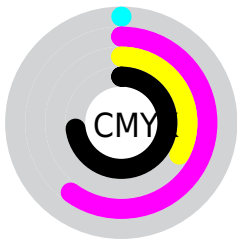
Distribution



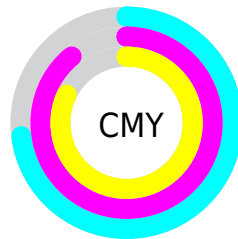
- Red (27%)
- Green (11%)
- Blue (18%)



- Red (27%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (60%)
- Yellow (33%)
- Black (73%)



- Cyan (73%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 22.838, 352.605 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, 22.838, 352.605 by changing the saturation by 10% instead.

■ 17, 22.838,
352.605

■ 17, 22.838,
352.605

■ 100, 22.838,
352.605

■ 7, 22.838, 352.605

■ 37, 22.838,
352.605

■ 0, 22.838, 352.605

■ 47, 22.838,
352.605

■ 57, 22.838,
352.605

■ 67, 22.838,
352.605

■ 77, 22.838,
352.605


■ 87, 22.838,


352.605

 97, 22.838,
352.605


 17, 22.838,
352.605


 17, 22.838,
352.605


 15, 26.068,
354.331

 19, 19.254,
351.161

 14, 28.791,
356.427

 21, 15.465,
349.925

 13, 30.987,
358.901

 23, 11.585,
348.847

 12, 33.335, 1.040

 25, 7.698, 347.889

 27, 3.862, 347.011

 29, 0.113, 344.523

■ 32, 3.530, 165.643

■ 34, 7.056, 164.966

■ 36, 10.464,
164.356

Harmonies

Complementary

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



17, 22.838, 352.605



26, 21.205, 160.387

Rectangle

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



17, 22.838, 352.605



17, 22.838, 42.605



17, 22.838, 172.605



17, 22.838, 222.605

Sweetspot

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



17, 22.837, 352.606



33, 8.379, 347.743



15, 30.344, 312.795



15, 5.882, 347.884



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



17, 22.837, 352.606



20, 32.389, 355.214



17, 21.869, 27.900



13, 2.130, 346.867



20, 42.393, 3.512



49, 77.309, 7.230

Inverse Universe

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



17, 22.837, 352.606



20, 32.389, 355.214



26, 14.579, 200.778



13, 2.130, 346.867



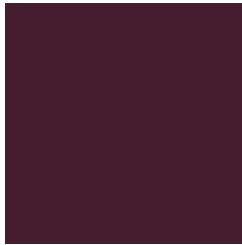
20, 42.393, 3.512



49, 77.309, 7.230

Previews

White Background



This preview shows how the CIE LCh color 17, 22.838, 352.605 looks on a white background.

Color Contrast Check

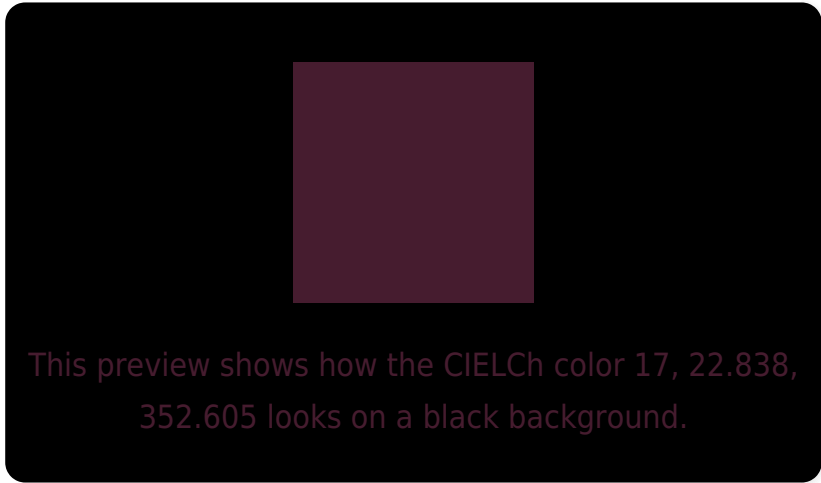
Large Text (above 18pt) WCAG AA ✓ Pass

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

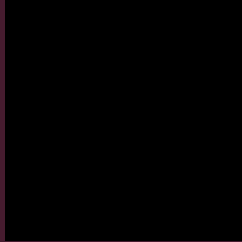
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 22.838, 352.605

Background



This preview shows how black text looks on a background with the CIELCh color 17, 22.838, 352.605.



This preview shows how white text looks on a background with the CIELCh color 17, 22.838, 352.605.

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, 22.838, 352.605

Protanopia
17, 9.767, 285.258

Deuteranopia
18, 2.828, 332.757



Tritanopia
17, 19.257, 20.818

Trichromacy



Original Color
17, 22.838, 352.605

Protanomaly
17, 12.607, 320.319

Deuteranomaly
17, 10.572, 346.201

Tritanomaly
17, 20.002, 9.837

Monochromacy



Original Color
17, 22.838, 352.605

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 8.693, 347.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 22.838, 352.605 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(70, 28, 47)` looks like.

```
.text, #text, p{  
    color:rgb(70, 28, 47)  
}
```

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(70, 28, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 28, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 22.838, 352.605 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(70, 28, 47) }
```

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

```
.border{ border-color:rgb(70, 28, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 28, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 28, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 28, 47);  
box-shadow:4px 4px 4px 4px rgb(70, 28, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 22.838, 352.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 28, 47) }
```

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

```
.background{ background-color: rgb(70, 28,  
47) }
```

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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