

Converting Colors

CIELCh(17, 24.639, 350.890)

Have a look what the booklet for
CIELCh(17, 24.639, 350.890)
contains.

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Color

CIELCh(17, 24.665, 350.766)

Conversions

Conversions Part 1

Format	Color
Hex	471A30
RGB	71, 26, 48
RGB Percent	28%, 10%, 19%
CMY	0.7211, 0.8976, 0.8113
CMYK	0.00, 0.63, 0.32, 0.72
HSL	331°, 46%, 19%
HSV	331°, 63%, 28%
XYZ	3.5152, 2.3023, 3.0672
YIQ	41.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

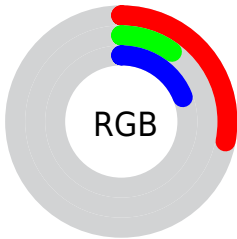
Format	Color
RYB	71, 26, 48
Decimal	4659760
CIELab	17.00, 24.35, -3.96
CIELCh	17, 24.665, 350.766
Yxy	2.3023, 0.3956, 0.2591
Android (android.graphics.Color)	4282849840 (0xFF471A30)
YUV	41.9630, 2.9762, 25.4654
Hunter-Lab	15.1734, 14.7992, -1.3638




Details

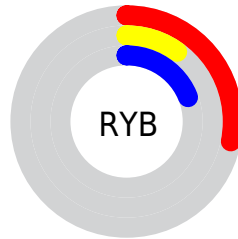
The CIELCh color **17, 24.665, 350.766** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27, 23.231, 158.034**, and the grayscale version is **17, 0.003, 296.813**.




A 20% lighter version of the original color is **37, 24.500, 350.560**, and **2, 8.359, 16.640** is the 20% darker color. If you saturate the color by 10%, you get **15, 27.803, 352.468**, and if you desaturate by 10%, it is **19, 21.091, 349.341**.

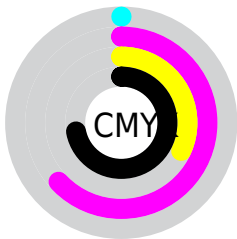
Distribution







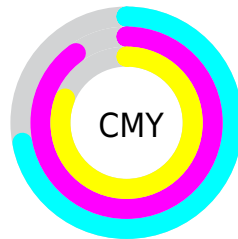
-  Red (28%)
-  Green (10%)
-  Blue (19%)






-  Red (28%)
-  Yellow (10%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (63%)
-  Yellow (32%)
-  Black (72%)





-  Cyan (72%)
-  Magenta (90%)
-  Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 24.665, 350.766 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, 24.665, 350.766 by changing the saturation by 10% instead.

 17, 24.665,
350.766

 17, 24.665,
350.766

 100, 24.665,
350.766


 7, 24.665, 350.766

 37, 24.665,
350.766

 0, 24.665, 350.766

 47, 24.665,
350.766


 57, 24.665,
350.766

 67, 24.665,
350.766

 77, 24.665,
350.766


 87, 24.665,


350.766


 97, 24.665,
350.766


 17, 24.665,
350.766


 17, 24.665,
350.766


 15, 27.803,
352.468


 19, 21.091,
349.341

 14, 30.344,
354.535

 21, 17.243,
348.119

 13, 32.463,
356.840

 23, 13.251,
347.052

 12, 34.067,
358.209

 25, 9.217, 346.103

 27, 5.209, 345.238

 29, 1.274, 344.351

■ 32, 2.562, 163.876

■ 34, 6.286, 163.179

■ 36, 9.890, 162.564

Harmonies

Complementary

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



17, 24.665, 350.766



27, 23.231, 158.034

Rectangle

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



17, 24.665, 350.766



17, 24.665, 40.766



17, 24.665, 170.766



17, 24.665, 220.766

Sweetspot

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



17, 24.664, 350.767



34, 9.268, 345.788



15, 32.355, 311.922



15, 6.293, 345.907



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, 24.664, 350.767



21, 34.891, 353.584



16, 24.130, 26.574



13, 2.181, 344.848



20, 42.625, 0.313



49, 77.420, 3.730

Inverse Universe

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



17, 24.664, 350.767



21, 34.891, 353.584



27, 15.878, 196.981



13, 2.181, 344.848



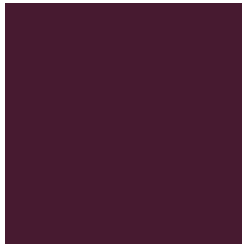
20, 42.625, 0.313



49, 77.420, 3.730

Previews

White Background



This preview shows how the CIELCh color 17, 24.665, 350.766 looks on a white background.

Color Contrast Check

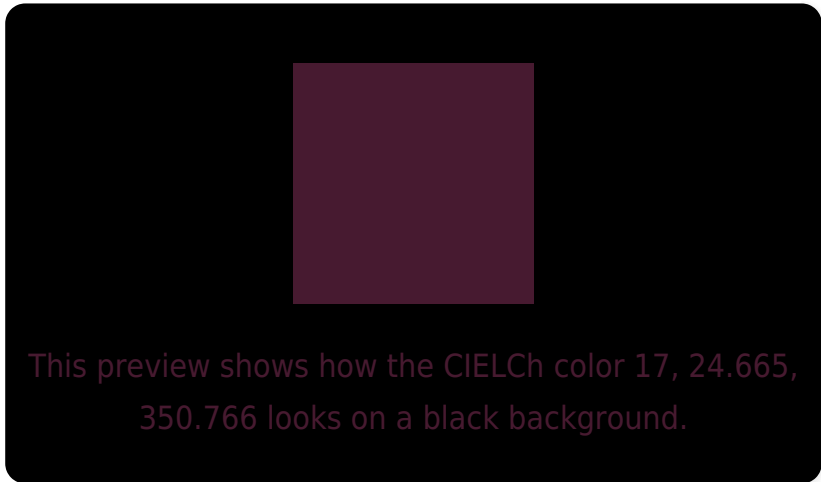
Large Text (above 18pt) WCAG AA ✓ Pass

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

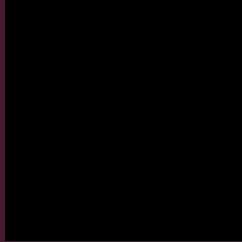
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 24.665, 350.766

Background



This preview shows how black text looks on a background with the CIELCh color 17, 24.665, 350.766.



This preview shows how white text looks on a background with the CIELCh color 17, 24.665, 350.766.

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, 24.665, 350.766

Protanopia

17, 11.857, 285.299

Deuteranopia

18, 3.368, 324.803



Tritanopia
17, 20.869, 21.691

Trichromacy



Original Color
17, 24.665, 350.766

Protanomaly
17, 14.646, 318.150

Deuteranomaly
17, 11.733, 342.098

Tritanomaly
17, 21.012, 9.184

Monochromacy



Original Color
17, 24.665, 350.766

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 9.865, 347.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 24.665, 350.766 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(71, 26, 48)` looks like.

```
.text, #text, p{  
    color:rgb(71, 26, 48)  
}
```

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(71, 26, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 26, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 24.665, 350.766 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(71, 26, 48) }
```

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

```
.border{ border-color:rgb(71, 26, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 26, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 26, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 26, 48);  
box-shadow:4px 4px 4px 4px rgb(71, 26, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 24.665, 350.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 26, 48) }
```

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

```
.background{ background-color: rgb(71, 26,  
48) }
```

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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