

Converting Colors

CIELCh(17, 26.149, 343.704)

Have a look what the booklet for
CIELCh(17, 26.149, 343.704)
contains.

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Color

CIELCh(17, 25.896, 343.209)

Conversions

Conversions Part 1

Format	Color
Hex	461A35
RGB	70, 26, 53
RGB Percent	27%, 10%, 21%
CMY	0.7253, 0.8978, 0.7920
CMYK	0.00, 0.63, 0.24, 0.73
HSL	323°, 46%, 19%
HSV	323°, 63%, 27%
XYZ	3.5435, 2.3023, 3.6314
YIQ	42.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

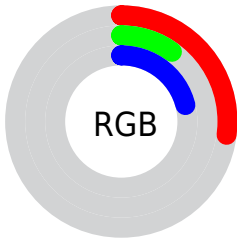
Format	Color
R_{YB}	70, 26, 53
Decimal	4594229
CIE _{Lab}	17.00, 24.79, -7.48
CIE _{LCh}	17, 25.896, 343.209
Yxy	2.3023, 0.3739, 0.2429
Android (android.graphics.Color)	4282784309 (0xFF461A35)
YUV	42.2340, 5.3076, 24.3508
Hunter-Lab	15.1734, 15.1326, -3.5681

Details

The CIELCh color **17, 25.896, 343.209** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 25.388, 152.213**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 25.977, 342.773**, and **2, 8.223, 2.295** is the 20% darker color. If you saturate the color by 10%, you get **16, 29.119, 344.428**, and if you desaturate by 10%, it is **19, 22.188, 342.148**.

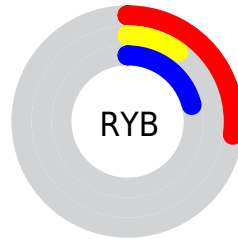
Distribution



Red (27%)

Green (10%)

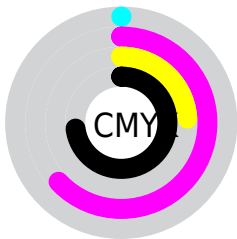
Blue (21%)



Red (27%)

Yellow (10%)

Blue (21%)

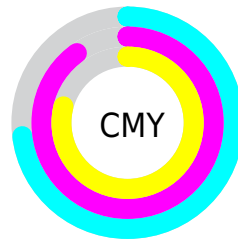


Cyan (0%)

Magenta (63%)

Yellow (24%)

Black (73%)



Cyan (73%)

Magenta (90%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 25.896, 343.209 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, 25.896, 343.209 by changing the saturation by 10% instead.

■ 17, 25.896,
343.209

■ 17, 25.896,
343.209

■ 100, 25.896,
343.209

■ 7, 25.896, 343.209

■ 37, 25.896,
343.209

■ 0, 25.896, 343.209

■ 47, 25.896,
343.209


■ 57, 25.896,
343.209


■ 67, 25.896,
343.209

■ 77, 25.896,
343.209


■ 87, 25.896,

343.209


 97, 25.896,
343.209


 17, 25.896,
343.209


 17, 25.896,
343.209


 16, 29.119,
344.428


 19, 22.188,
342.148

 14, 31.691,
345.857

 21, 18.163,
341.204

 13, 33.757,
347.434

 23, 13.957,
340.349

 12, 35.405,
348.449

 25, 9.678, 339.564

 27, 5.401, 338.828

 29, 1.177, 338.041

■ 31, 2.961, 157.619

■ 34, 6.996, 156.997

■ 36, 10.919,
156.434

Harmonies

Complementary

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



17, 25.896, 343.209



26, 25.388, 152.213

Rectangle

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



17, 25.896, 343.209



17, 25.896, 33.209



17, 25.896, 163.209



17, 25.896, 213.209

Sweetspot

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



17, 25.895, 343.210



34, 10.072, 339.336



14, 31.585, 308.481



15, 6.836, 339.438



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, 25.895, 343.210



21, 36.744, 345.151



16, 22.788, 17.953



13, 2.378, 338.525



20, 44.569, 349.902



50, 80.328, 352.175

Inverse Universe

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



17, 25.895, 343.210



21, 36.744, 345.151



27, 16.630, 185.077



13, 2.378, 338.525



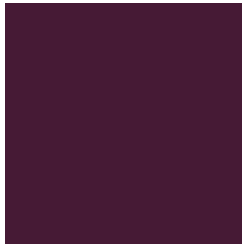
20, 44.569, 349.902



50, 80.328, 352.175

Previews

White Background



This preview shows how the CIE LCh color 17, 25.896, 343.209 looks on a white background.

Color Contrast Check

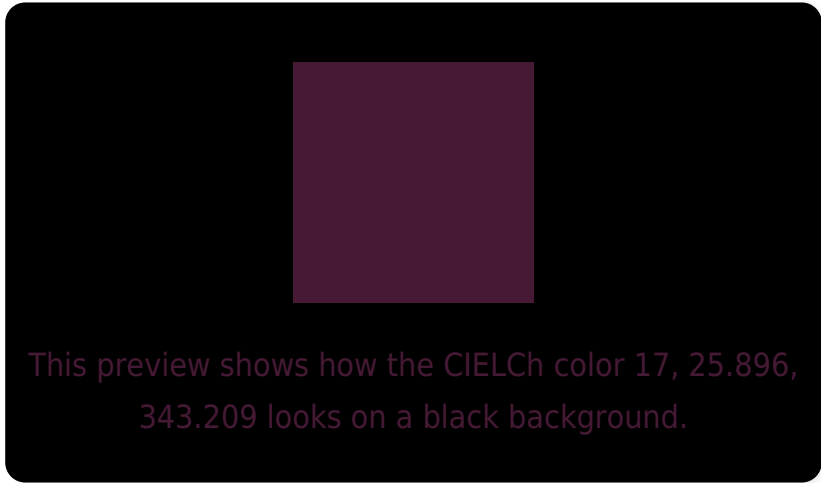
Large Text (above 18pt) WCAG AA ✓ Pass

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

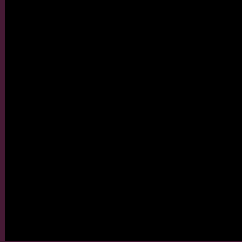
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 25.896, 343.209

Background



This preview shows how black text looks on a background with the CIELCh color 17, 25.896, 343.209.



This preview shows how white text looks on a background with the CIELCh color 17, 25.896, 343.209.

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, 25.896, 343.209

Protanopia

17, 16.053, 284.731

Deuteranopia

17, 6.273, 295.839



Tritanopia
17, 19.257, 20.818

Trichromacy



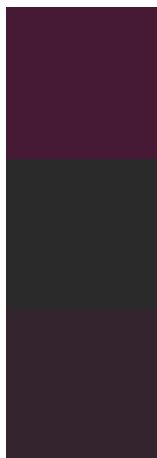
Original Color
17, 25.896, 343.209

Protanomaly
17, 18.196, 310.177

Deuteranomaly
17, 13.524, 327.579

Tritanomaly
17, 20.668, 4.837

Monochromacy



Original Color
17, 25.896, 343.209

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 10.271, 339.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 25.896, 343.209 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, 26, 53)` looks like.

```
.text, #text, p{  
    color:rgb(70, 26, 53)  
}
```

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, 26, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 26, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 25.896, 343.209 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, 26, 53) }
```

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

```
.border{ border-color:rgb(70, 26, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 26, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 26, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 26, 53);  
box-shadow:4px 4px 4px 4px rgb(70, 26, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 25.896, 343.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 26, 53) }
```

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

```
.background{ background-color: rgb(70, 26,  
53) }
```

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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