

Converting Colors

CIELCh(17, 43.036, 326.749)

Have a look what the booklet for
CIELCh(17, 43.036, 326.749)
contains.

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Color

CIELCh(17, 42.950, 326.802)

Conversions

Conversions Part 1

Format	Color
Hex	4A0E4C
RGB	74, 14, 76
RGB Percent	29%, 5%, 30%
CMY	0.7093, 0.9445, 0.7015
CMYK	0.03, 0.81, 0.00, 0.70
HSL	298°, 69%, 18%
HSV	298°, 81%, 30%
XYZ	4.3014, 2.3023, 7.0770
YIQ	39.0080, 15.8580, 32.0020

Conversions

Conversions Part 2

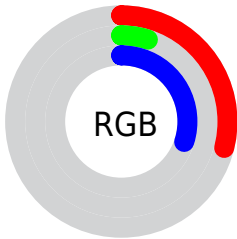
Format	Color
RYB	74, 14, 76
Decimal	4853324
CIELab	17.00, 35.94, -23.52
CIElCh	17, 42.950, 326.802
Yxy	2.3023, 0.3144, 0.1683
Android (android.graphics.Color)	4283043404 (0xFF4A0E4C)
YUV	39.0080, 18.2371, 30.6880
Hunter-Lab	15.1734, 24.0486, -17.0320

Details

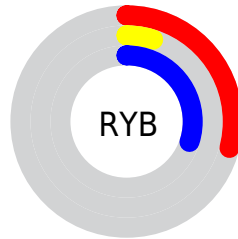
The CIELCh color **17, 42.950, 326.802** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 43.663, 137.346**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 42.745, 326.895**, and **3, 21.572, 320.412** is the 20% darker color. If you saturate the color by 10%, you get **16, 45.796, 326.950**, and if you desaturate by 10%, it is **18, 39.282, 326.578**.

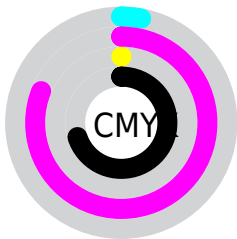
Distribution



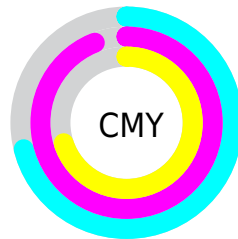
- Red (29%)
- Green (5%)
- Blue (30%)



- Red (29%)
- Yellow (5%)
- Blue (30%)



- Cyan (3%)
- Magenta (81%)
- Yellow (0%)
- Black (70%)





- Cyan (71%)
- Magenta (94%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 42.950, 326.802 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, 42.950, 326.802 by changing the saturation by 10% instead.

 17, 42.950,
326.802


 17, 42.950,
326.802


 100, 42.950,
326.802


 7, 42.950, 326.802


 37, 42.950,
326.802

 0, 42.950, 326.802

 47, 42.950,
326.802


 57, 42.950,
326.802


 67, 42.950,
326.802


 77, 42.950,
326.802


 87, 42.950,


326.802


 97, 42.950,
326.802


 17, 42.950,
326.802


 17, 42.950,
326.802


 16, 45.796,
326.950


 18, 39.282,
326.578

 15, 48.255,
327.082

 20, 34.819,
326.277

 21, 29.743,
325.913

 23, 24.244,
325.501

 25, 18.484,
325.054

■ 27, 12.599,
324.586

■ 30, 6.689, 324.104

■ 32, 0.826, 323.499

■ 34, 4.942, 143.211

Harmonies

Complementary

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



17, 42.950, 326.802



28, 43.663, 137.346

Rectangle

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



17, 42.950, 326.802



17, 42.950, 16.802



17, 42.950, 146.802



17, 42.950, 196.802

Sweetspot

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



17, 42.949, 326.802



35, 17.629, 324.752



9, 43.386, 301.577



17, 12.211, 324.847



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



17, 42.949, 326.802



22, 57.481, 327.020



16, 32.118, 351.123



14, 3.279, 323.968



22, 59.055, 327.035



53, 106.882, 326.949

Inverse Universe

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



15, 32.906, 28.840



19, 48.033, 34.143



28, 31.390, 152.925



14, 1.911, 17.183



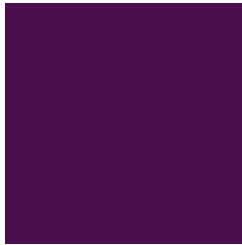
19, 49.816, 34.693



48, 95.265, 39.003

Previews

White Background



This preview shows how the CIELCh color 17, 42.950, 326.802 looks on a white background.

Color Contrast Check

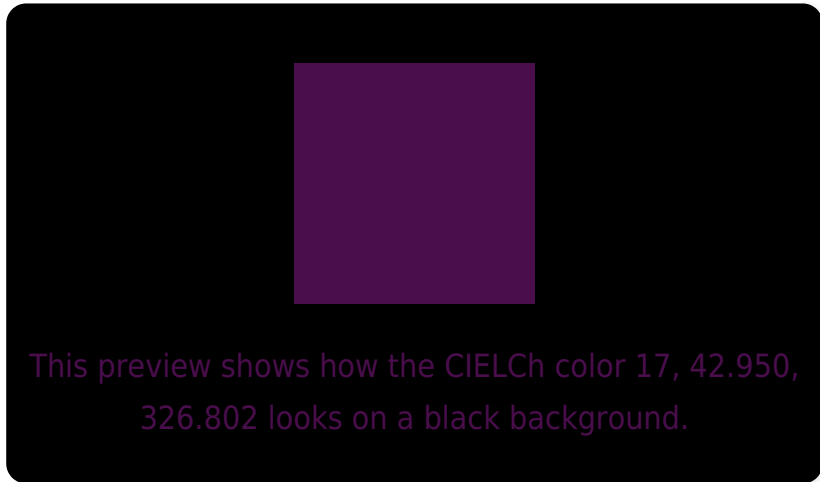
Large Text (above 18pt) WCAG AA ✓ Pass

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

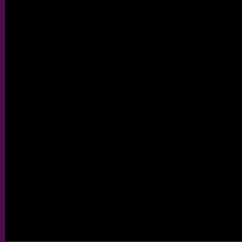
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 42.950, 326.802

Background



This preview shows how black text looks on a background with the CIELCh color 17, 42.950, 326.802.



This preview shows how white text looks on a background with the CIELCh color 17, 42.950, 326.802.

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, 42.950, 326.802

Protanopia

17, 33.531, 283.719

Deuteranopia

18, 19.804, 278.406



Tritanopia
18, 19.184, 20.698

Trichromacy



Original Color
17, 42.950, 326.802

Protanomaly
15, 37.058, 297.100

Deuteranomaly
16, 28.245, 304.776

Tritanomaly
17, 24.933, 349.346

Monochromacy



Original Color
17, 42.950, 326.802

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 18.176, 326.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 42.950, 326.802 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(74, 14, 76)` looks like.

```
.text, #text, p{  
    color:rgb(74, 14, 76)  
}
```

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(74, 14, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 14, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 42.950, 326.802 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(74, 14, 76) }
```

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

```
.border{ border-color:rgb(74, 14, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 14, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 14, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 14, 76);  
box-shadow:4px 4px 4px 4px rgb(74, 14, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 42.950, 326.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 14, 76) }
```

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

```
.background{ background-color: rgb(74, 14,  
76) }
```

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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