

Converting Colors

CIELCh(17, 26.494, 25.735)

Have a look what the booklet for
CIELCh(17, 26.494, 25.735) contains.

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Color

CIELCh(17, 26.333, 24.684)

Conversions

Conversions Part 1

Format	Color
Hex	4B191B
RGB	75, 25, 27
RGB Percent	29%, 10%, 11%
CMY	0.7044, 0.9006, 0.8929
CMYK	0.00, 0.66, 0.64, 0.70
HSL	358°, 50%, 20%
HSV	358°, 66%, 30%
XYZ	3.4888, 2.3023, 1.3161
YIQ	40.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

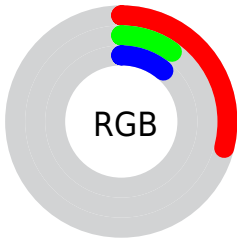
Format	Color
RYB	75, 25, 27
Decimal	4921627
CIELab	17.00, 23.93, 11.00
CIELCh	17, 26.333, 24.684
Yxy	2.3023, 0.4909, 0.3239
Android (android.graphics.Color)	4283111707 (0xFF4B191B)
YUV	40.1780, -6.4968, 30.5389
Hunter-Lab	15.1734, 14.4883, 5.4787

Details

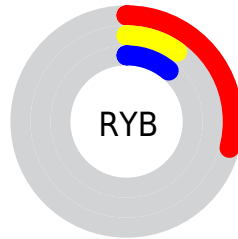
The CIELCh color **17, 26.333, 24.684** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29, 17.443, 192.630**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 26.230, 24.988**, and **2, 7.329, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **15, 30.615, 27.357**, and if you desaturate by 10%, it is **19, 21.964, 22.468**.

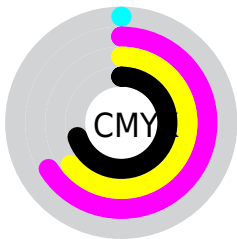
Distribution



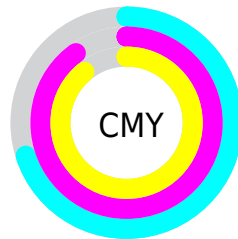
- Red (29%)
- Green (10%)
- Blue (11%)



- Red (29%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (64%)
- Black (70%)



- Cyan (70%)
- Magenta (90%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 26.333, 24.684 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, 26.333, 24.684 by changing the saturation by 10% instead.

 17, 26.333, 24.684

 17, 26.333, 24.684

 100, 26.333,
24.684

 7, 26.333, 24.684

 37, 26.333, 24.684

 0, 26.333, 24.684

 47, 26.333, 24.684

 57, 26.333, 24.684

 67, 26.333, 24.684

 77, 26.333, 24.684

 87, 26.333, 24.684

 97, 26.333, 24.684

■ 17, 26.333, 24.684

■ 17, 26.333, 24.684

■ 15, 30.615, 27.357

■ 19, 21.964, 22.468

■ 14, 34.173, 29.044

■ 21, 17.642, 20.697

■ 13, 37.118, 29.412

■ 23, 13.455, 19.288

■ 13, 38.218, 29.390

■ 26, 9.459, 18.159

■ 28, 5.685, 17.238

■ 30, 2.142, 16.426

■ 33, 1.175, 196.182

■ 36, 4.278, 195.513

■ 38, 7.184, 195.065

Harmonies

Complementary

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



17, 26.333, 24.684



29, 17.443, 192.630

Rectangle

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



17, 26.333, 24.684



17, 26.333, 74.684



17, 26.333, 204.684



17, 26.333, 254.684

Sweetspot

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



17, 26.332, 24.687



35, 8.669, 17.617



19, 36.757, 325.878



16, 5.860, 17.741



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



17, 26.332, 24.687



20, 39.610, 29.489



23, 21.716, 63.048



14, 1.911, 16.617



19, 49.671, 34.413



48, 95.001, 38.795

Inverse Universe

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



17, 26.332, 24.687



20, 39.610, 29.489



21, 17.160, 261.971



14, 1.911, 16.617



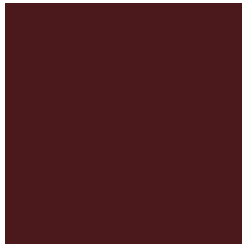
19, 49.671, 34.413



48, 95.001, 38.795

Previews

White Background



This preview shows how the CIELCh color 17, 26.333, 24.684 looks on a white background.

Color Contrast Check

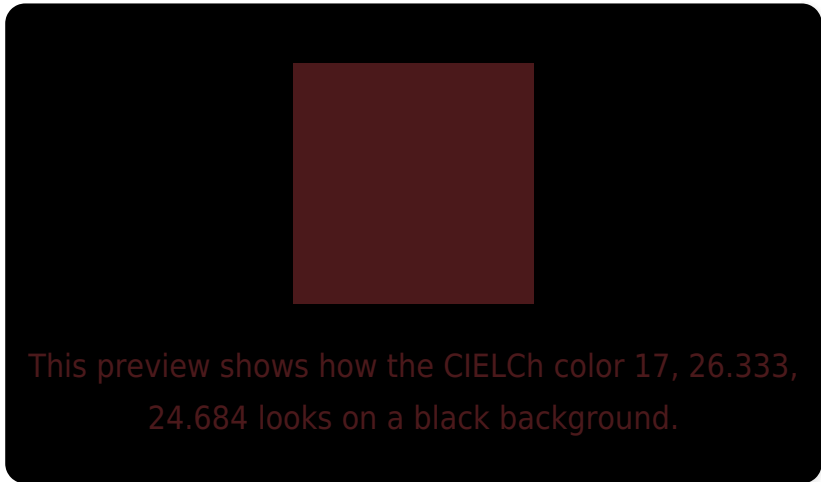
Large Text (above 18pt) WCAG AA ✓ Pass

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

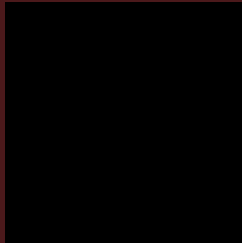
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 26.333, 24.684

Background



This preview shows how black text looks on a background with the CIELCh color 17, 26.333, 24.684.



This preview shows how white text looks on a background with the CIELCh color 17, 26.333, 24.684.

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, 26.333, 24.684

Protanopia

18, 5.717, 93.282

Deuteranopia

18, 12.932, 76.831



Tritanopia
17, 26.333, 24.684

Trichromacy



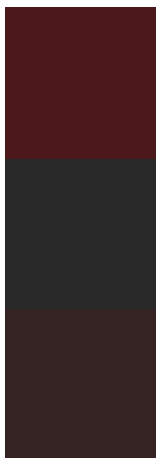
Original Color
17, 26.333, 24.684

Protanomaly
17, 11.257, 39.366

Deuteranomaly
17, 15.892, 44.986

Tritanomaly
17, 26.333, 24.684

Monochromacy



Original Color
17, 26.333, 24.684

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 9.738, 17.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 26.333, 24.684 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(75, 25, 27)` looks like.

```
.text, #text, p{  
    color:rgb(75, 25, 27)  
}
```

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(75, 25, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 25, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 26.333, 24.684 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(75, 25, 27) }
```

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

```
.border{ border-color:rgb(75, 25, 27) }
```

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

Here you see how a box with a 4 pixel rgb(75, 25, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 25, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 25, 27);  
box-shadow:4px 4px 4px 4px rgb(75, 25, 27)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 26.333, 24.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 25, 27) }
```

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

```
.background{ background-color: rgb(75, 25,  
27) }
```

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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