

Converting Colors

CIELCh(19, 27.997, 6.490)

Have a look what the booklet for
CIELCh(19, 27.997, 6.490) contains.

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Color

CIELCh(19, 28.347, 5.858)

Conversions

Conversions Part 1

Format	Color
Hex	531A2B
RGB	83, 26, 43
RGB Percent	33%, 10%, 17%
CMY	0.6747, 0.8982, 0.8316
CMYK	0.00, 0.69, 0.48, 0.67
HSL	342°, 52%, 21%
HSV	342°, 69%, 33%
XYZ	4.3655, 2.7468, 2.5809
YIQ	44.9810, 28.5150, 17.3710

Conversions

Conversions Part 2

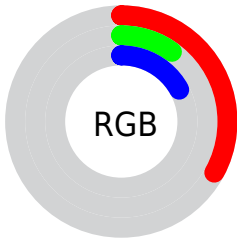
Format	Color
R_{YB}	83, 26, 43
Decimal	5446187
CIE Lab	19.00, 28.20, 2.89
CIE LCh	19, 28.347, 5.858
Yxy	2.7468, 0.4504, 0.2834
Android (android.graphics.Color)	4283636267 (0xFF531A2B)
YUV	44.9810, -0.9766, 33.3427
Hunter-Lab	16.5735, 18.0133, 2.3685

Details

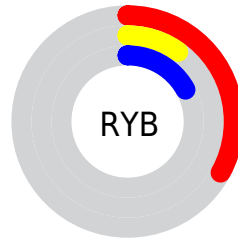
The CIELCh color **19, 28.347, 5.858** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **31, 23.605, 168.838**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 28.273, 5.867**, and **4, 17.716, 18.101** is the 20% darker color. If you saturate the color by 10%, you get **17, 31.777, 8.692**, and if you desaturate by 10%, it is **21, 24.474, 3.576**.

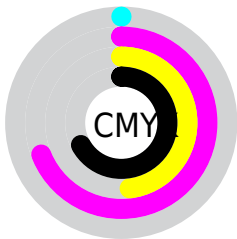
Distribution



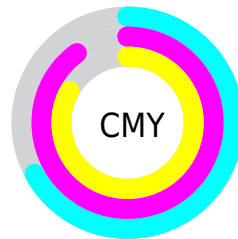
- Red (33%)
- Green (10%)
- Blue (17%)



- Red (33%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (69%)
- Yellow (48%)
- Black (67%)



- Cyan (67%)
- Magenta (90%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 28.347, 5.858 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 19, 28.347, 5.858 by changing the saturation by 10% instead.

 19, 28.347, 5.858  19, 28.347, 5.858

 100, 28.347, 5.858  9, 28.347, 5.858

 39, 28.347, 5.858  0, 28.347, 5.858

 49, 28.347, 5.858

 59, 28.347, 5.858

 69, 28.347, 5.858

 79, 28.347, 5.858

 89, 28.347, 5.858

 99, 28.347, 5.858

 19, 28.347, 5.858  19, 28.347, 5.858

■ 17, 31.777, 8.692

■ 21, 24.474, 3.576

■ 16, 34.642, 12.201

■ 23, 20.325, 1.716

■ 15, 37.518, 15.668

■ 25, 16.048, 0.176

■ 15, 37.921, 16.071

■ 28, 11.760,
358.876

■ 30, 7.544, 357.756

■ 33, 3.449, 356.752

■ 36, 0.496, 176.487

■ 38, 4.281, 175.275

■ 41, 7.905, 174.565

Harmonies

Complementary

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



19, 28.347, 5.858



31, 23.605, 168.838

Rectangle

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



19, 28.347, 5.858



19, 28.347, 55.858



19, 28.347, 185.858



19, 28.347, 235.858

Sweetspot

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



19, 28.345, 5.860



38, 10.509, 358.076



18, 40.004, 318.160



18, 7.046, 358.236



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



19, 28.345, 5.860



23, 40.124, 10.729



21, 26.592, 40.717



15, 2.182, 356.751



20, 44.858, 17.949



49, 82.131, 22.179

Inverse Universe

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



19, 28.345, 5.860



23, 40.124, 10.729



28, 16.157, 224.956



15, 2.182, 356.751



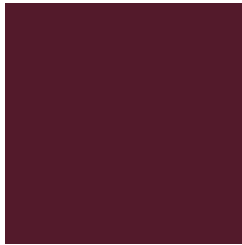
20, 44.858, 17.949



49, 82.131, 22.179

Previews

White Background



This preview shows how the CIELCh color 19, 28.347, 5.858 looks on a white background.

Color Contrast Check

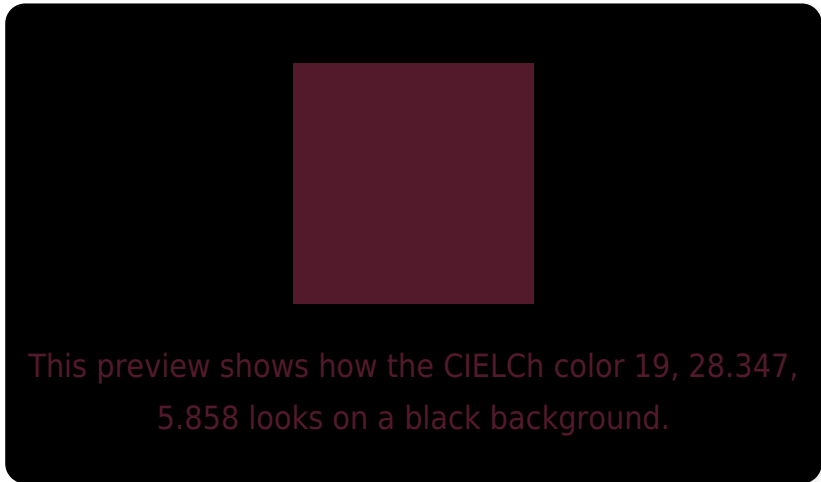
Large Text (above 18pt) WCAG AA ✓ Pass

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 19, 28.347, 5.858

Background



This preview shows how black text looks on a background with the CIELCh color 19, 28.347, 5.858.



This preview shows how white text looks on a background with the CIELCh color 19, 28.347, 5.858.

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

19, 28.347, 5.858

Protanopia

20, 5.475, 286.876

Deuteranopia

20, 6.120, 61.535



Tritanopia
19, 27.673, 25.894

Trichromacy



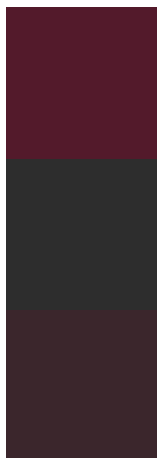
Original Color
19, 28.347, 5.858

Protanomaly
18, 12.380, 341.021

Deuteranomaly
19, 13.123, 16.756

Tritanomaly
19, 27.254, 18.111

Monochromacy



Original Color
19, 28.347, 5.858

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 10.997, 0.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 28.347, 5.858 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(83, 26, 43)` looks like.

```
.text, #text, p{  
    color:rgb(83, 26, 43)  
}
```

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(83, 26, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 26, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 28.347, 5.858 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(83, 26, 43) }
```

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

```
.border{ border-color:rgb(83, 26, 43) }
```

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

Here you see how a box with a 4 pixel rgb(83, 26, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 26, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 26, 43);  
box-shadow:4px 4px 4px 4px rgb(83, 26, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 28.347, 5.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 26, 43) }
```

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

```
.background{ background-color: rgb(83, 26,  
43) }
```

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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