

Converting Colors

CIELCh(19, 27.959, 334.007)

Have a look what the booklet for
CIELCh(19, 27.959, 334.007)
contains.

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Color

CIELCh(19, 27.716, 334.550)

Conversions

Conversions Part 1

Format	Color
Hex	491F40
RGB	73, 31, 64
RGB Percent	29%, 12%, 25%
CMY	0.7145, 0.8792, 0.7498
CMYK	0.00, 0.58, 0.12, 0.71
HSL	313°, 41%, 20%
HSV	313°, 58%, 29%
XYZ	4.1375, 2.7468, 5.1342
YIQ	47.3200, 14.4390, 19.1670

Conversions

Conversions Part 2

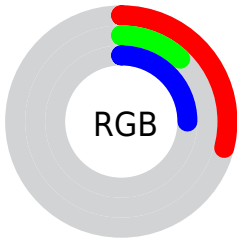
Format	Color
R_{YB}	73, 31, 64
Decimal	4792128
CIE _{Lab}	19.00, 25.03, -11.91
CIE _{LCh}	19, 27.716, 334.550
Yxy	2.7468, 0.3443, 0.2285
Android (android.graphics.Color)	4282982208 (0xFF491F40)
YUV	47.3200, 8.2232, 22.5214
Hunter-Lab	16.5735, 15.5583, -6.7656

Details

The CIELCh color **19, 27.716, 334.550** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 27.783, 146.315**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 27.915, 334.374**, and **3, 16.053, 337.800** is the 20% darker color. If you saturate the color by 10%, you get **17, 31.653, 335.248**, and if you desaturate by 10%, it is **21, 23.299, 333.883**.

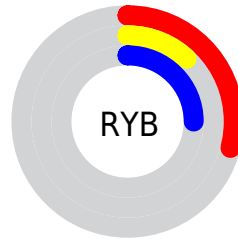
Distribution



Red (29%)

Green (12%)

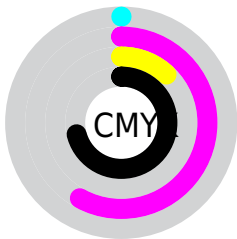
Blue (25%)



Red (29%)

Yellow (12%)

Blue (25%)

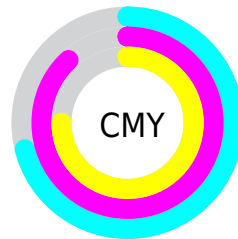


Cyan (0%)

Magenta (58%)

Yellow (12%)

Black (71%)



Cyan (71%)


Magenta (88%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 19, 27.716, 334.550 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, 27.716, 334.550 by changing the saturation by 10% instead.


 19, 27.716,
334.550


 19, 27.716,
334.550


 100, 27.716,
334.550


 9, 27.716, 334.550


 39, 27.716,
334.550

 0, 27.716, 334.550

 49, 27.716,
334.550


 59, 27.716,
334.550


 69, 27.716,
334.550


 79, 27.716,
334.550


 89, 27.716,


334.550


 99, 27.716,
334.550


 19, 27.716,
334.550


 19, 27.716,
334.550


 17, 31.653,
335.248


 21, 23.299,
333.883

 16, 34.931,
335.990


 23, 18.573,
333.241

 15, 37.394,
336.792

 25, 13.676,
332.619

 14, 39.679,
337.572

 27, 8.714, 332.015

 14, 40.249,
337.742

 29, 3.762, 331.415

 31, 1.127, 151.036

■ 34, 5.921, 150.395

■ 36, 10.600,
149.876

■ 39, 15.155,
149.386

Harmonies

Complementary

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



19, 27.716, 334.550



27, 27.783, 146.315

Rectangle

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



19, 27.716, 334.550



19, 27.716, 24.550



19, 27.716, 154.550



19, 27.716, 204.550

Sweetspot

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



19, 27.715, 334.550



35, 10.393, 332.013



15, 29.719, 302.939



17, 7.012, 332.064



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



19, 27.715, 334.550



23, 39.457, 335.537



18, 21.600, 3.014



13, 2.690, 331.470



21, 49.539, 338.272



51, 89.493, 339.207

Inverse Universe

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



19, 27.715, 334.550



23, 39.457, 335.537



28, 18.517, 170.336



13, 2.690, 331.470



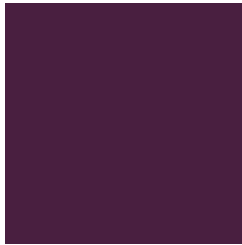
21, 49.539, 338.272



51, 89.493, 339.207

Previews

White Background



This preview shows how the CIE LCh color 19, 27.716, 334.550 looks on a white background.

Color Contrast Check

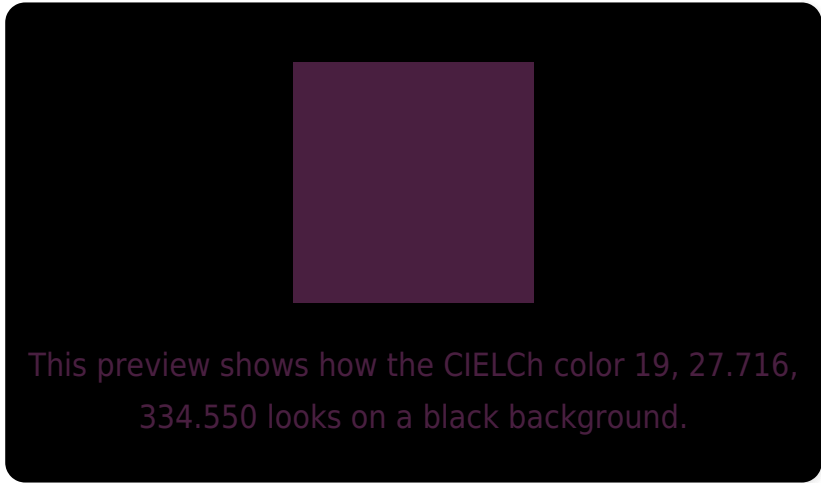
Large Text (above 18pt) WCAG AA ✓ Pass

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

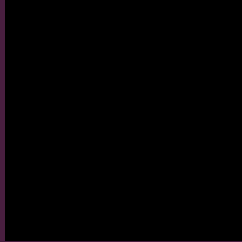
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 27.716, 334.550

Background



This preview shows how black text looks on a background with the CIELCh color 19, 27.716, 334.550.



This preview shows how white text looks on a background with the CIELCh color 19, 27.716, 334.550.

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, 27.716, 334.550

Protanopia

19, 20.659, 284.414

Deuteranopia

19, 10.281, 287.997



Tritanopia
19, 16.732, 16.839

Trichromacy



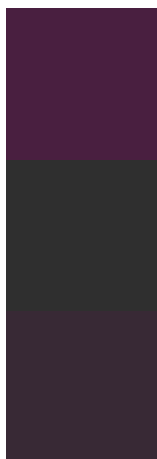
Original Color
19, 27.716, 334.550

Protanomaly
19, 22.347, 304.067

Deuteranomaly
19, 16.310, 315.022

Tritanomaly
19, 19.171, 355.458

Monochromacy



Original Color
19, 27.716, 334.550

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 10.735, 331.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 27.716, 334.550 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(73, 31, 64)` looks like.

```
.text, #text, p{  
    color:rgb(73, 31, 64)  
}
```

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(73, 31, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 31, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 27.716, 334.550 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(73, 31, 64) }
```

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

```
.border{ border-color:rgb(73, 31, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 31, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 31, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 31, 64);  
box-shadow:4px 4px 4px 4px rgb(73, 31, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 27.716, 334.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 31, 64) }
```

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

```
.background{ background-color: rgb(73, 31,  
64) }
```

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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