

Converting Colors

CIELCh(19, 10.650, 335.016)

Have a look what the booklet for
CIELCh(19, 10.650, 335.016)
contains.

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Color

CIELCh(19, 11.028, 333.943)

Conversions

Conversions Part 1

Format	Color
Hex	392935
RGB	57, 41, 53
RGB Percent	22%, 16%, 21%
CMY	0.7752, 0.8380, 0.7909
CMYK	0.00, 0.28, 0.07, 0.78
HSL	315°, 16%, 19%
HSV	315°, 28%, 22%
XYZ	3.1596, 2.7468, 3.7705
YIQ	47.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

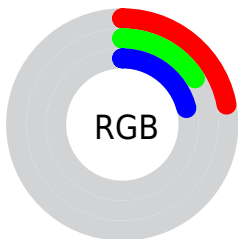
Format	Color
R_{YB}	57, 41, 53
Decimal	3746101
CIE Lab	19.00, 9.91, -4.84
CIE LCh	19, 11.028, 333.943
Yxy	2.7468, 0.3265, 0.2839
Android (android.graphics.Color)	4281936181 (0xFF392935)
YUV	47.1520, 2.8831, 8.6367
Hunter-Lab	16.5735, 5.0261, -1.8869

Details

The CIELCh color **19, 11.028, 333.943** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 10.956, 150.561**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 11.403, 332.344**, and **1, 3.983, 334.283** is the 20% darker color. If you saturate the color by 10%, you get **17, 14.953, 334.571**, and if you desaturate by 10%, it is **21, 7.060, 333.339**.

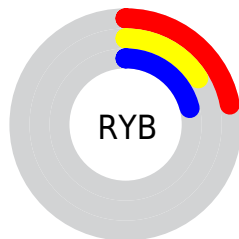
Distribution



 Red (22%)

 Green (16%)

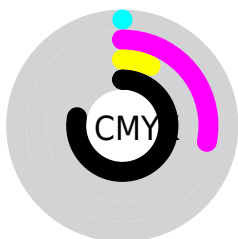
 Blue (21%)




 Red (22%)

 Yellow (16%)

 Blue (21%)

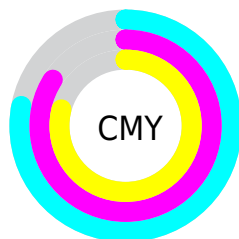


 Cyan (0%)


 Magenta (28%)

 Yellow (7%)

 Black (78%)



 Cyan (78%)

 Magenta (84%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 11.028, 333.943 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, 11.028, 333.943 by changing the saturation by 10% instead.

■ 19, 11.028,
333.943

■ 19, 11.028,
333.943

■ 100, 11.028,
333.943

■ 9, 11.028, 333.943

■ 39, 11.028,
333.943

■ 0, 11.028, 333.943

■ 49, 11.028,
333.943


■ 59, 11.028,
333.943


■ 69, 11.028,
333.943


■ 79, 11.028,
333.943


■ 89, 11.028,

333.943


 99, 11.028,
333.943

 19, 11.028,
333.943


 19, 11.028,
333.943

 17, 14.953,
334.571


 21, 7.060, 333.339

 16, 18.764,
335.227


 23, 3.106, 332.742


 14, 22.359,
335.917

 25, 0.797, 152.405

 13, 25.618,
336.650

 28, 8.366, 151.227

 12, 28.405,
337.442

 30, 12.011,
150.745

■ 11, 30.726,
338.281

■ 32, 15.558,
150.288

■ 10, 33.254,
339.023

■ 34, 19.009,
149.854

■ 9, 33.819, 339.162

■ 36, 22.366,
149.442

Harmonies

Complementary

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



19, 11.028, 333.943



22, 10.956, 150.561

Rectangle

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



19, 11.028, 333.943



19, 11.028, 23.943



19, 11.028, 153.943



19, 11.028, 203.943

Sweetspot

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



19, 11.027, 333.944



30, 3.874, 332.768



18, 11.269, 301.632



14, 2.781, 332.813



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



19, 11.027, 333.944



24, 16.592, 334.421



19, 8.228, 2.048



9, 2.129, 332.764



19, 45.782, 340.266



49, 85.000, 341.560

Inverse Universe

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



19, 11.027, 333.944



24, 16.592, 334.421



23, 7.570, 177.260



9, 2.129, 332.764



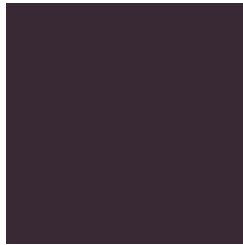
19, 45.782, 340.266



49, 85.000, 341.560

Previews

White Background



This preview shows how the CIE LCh color 19, 11.028, 333.943 looks on a white background.

Color Contrast Check

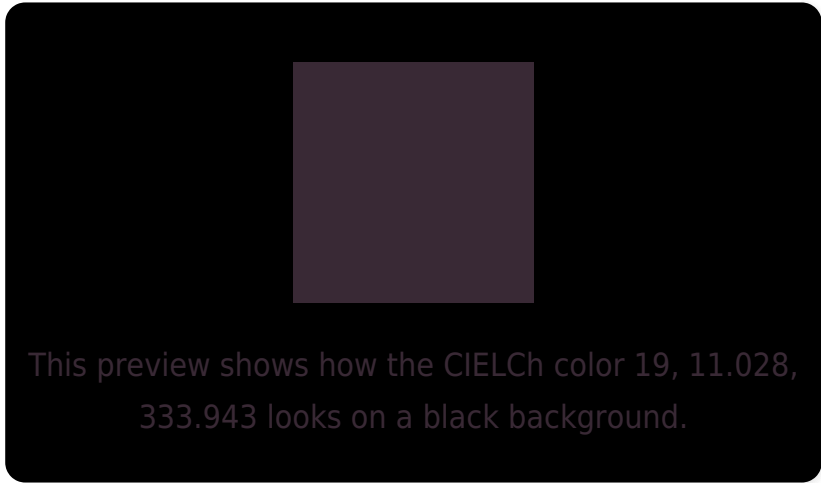
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.028, 333.943

Background



This preview shows how black text looks on a background with the CIELCh color 19, 11.028, 333.943.



This preview shows how white text looks on a background with the CIELCh color 19, 11.028, 333.943.

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, 11.028, 333.943

Protanopia

19, 6.888, 284.626

Deuteranopia

19, 5.677, 305.264



Tritanopia

19, 6.603, 2.941

Trichromacy



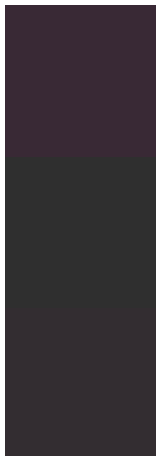
Original Color
19, 11.028, 333.943

Protanomaly
19, 7.915, 308.290

Deuteranomaly
19, 6.981, 318.755

Tritanomaly
19, 8.165, 345.525

Monochromacy



Original Color
19, 11.028, 333.943

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 3.941, 336.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 11.028, 333.943 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(57, 41, 53)` looks like.

```
.text, #text, p{  
    color:rgb(57, 41, 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(57, 41, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 41, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 11.028, 333.943 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(57, 41, 53) }
```

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

```
.border{ border-color:rgb(57, 41, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 41, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 41, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 41, 53);  
box-shadow:4px 4px 4px 4px rgb(57, 41, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 11.028, 333.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 41, 53) }
```

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

```
.background{ background-color: rgb(57, 41,  
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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