

Converting Colors

CIELCh(19, 9.907, 329.001)

Have a look what the booklet for
CIELCh(19, 9.907, 329.001) contains.

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Color

CIELCh(19, 10.157, 327.721)

Conversions

Conversions Part 1

Format	Color
Hex	372A36
RGB	55, 42, 54
RGB Percent	22%, 16%, 21%
CMY	0.7839, 0.8349, 0.7878
CMYK	0.00, 0.24, 0.02, 0.78
HSL	305°, 13%, 19%
HSV	305°, 24%, 22%
XYZ	3.0825, 2.7468, 3.8720
YIQ	47.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

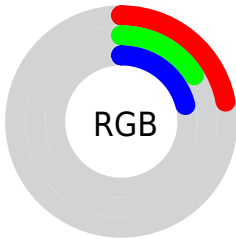
Format	Color
R_{YB}	55, 42, 54
Decimal	3615286
CIE Lab	19.00, 8.59, -5.42
CIE LCh	19, 10.157, 327.721
Yxy	2.7468, 0.3177, 0.2831
Android (android.graphics.Color)	4281805366 (0xFF372A36)
YUV	47.2550, 3.3253, 6.7924
Hunter-Lab	16.5735, 4.1949, -2.2502

Details

The CIELCh color **19, 10.157, 327.721** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 10.143, 145.272**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 10.617, 327.050**, and **1, 4.013, 314.667** is the 20% darker color. If you saturate the color by 10%, you get **17, 14.452, 328.213**, and if you desaturate by 10%, it is **21, 5.833, 327.224**.

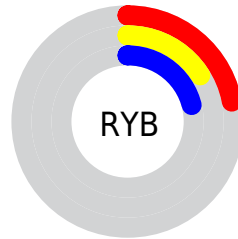
Distribution



Red (22%)

Green (16%)

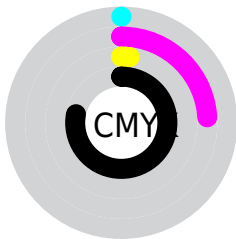
Blue (21%)



Red (22%)

Yellow (16%)

Blue (21%)

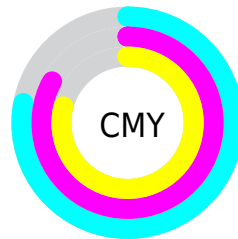


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (78%)



Cyan (78%)

Magenta (83%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 10.157, 327.721 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, 10.157, 327.721 by changing the saturation by 10% instead.

■ 19, 10.157,
327.721

■ 19, 10.157,
327.721

■ 100, 10.157,
327.721

■ 9, 10.157, 327.721

■ 39, 10.157,
327.721

■ 0, 10.157, 327.721

■ 49, 10.157,
327.721


■ 59, 10.157,
327.721


■ 69, 10.157,
327.721


■ 79, 10.157,
327.721


■ 89, 10.157,

327.721


 99, 10.157,
327.721

 19, 10.157,
327.721

 19, 10.157,
327.721

 17, 14.452,
328.213


 21, 5.833, 327.224


 16, 18.652,
328.698


 22, 1.535, 326.686


 14, 22.664,
329.168

 24, 2.704, 146.326

 13, 26.377,
329.618

 28, 10.922,
145.388

 12, 29.666,
330.043

 30, 14.880,
144.957

■ 11, 32.415,
330.438

■ 32, 18.732,
144.546

■ 10, 35.124,
330.813

■ 34, 22.479,
144.155

■ 9, 37.008, 331.047

■ 35, 26.123,
143.783

Harmonies

Complementary

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



19, 10.157, 327.721



22, 10.143, 145.272

Rectangle

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



19, 10.157, 327.721



19, 10.157, 17.721



19, 10.157, 147.721



19, 10.157, 197.721

Sweetspot

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



19, 10.156, 327.721



29, 3.719, 326.904



18, 9.033, 294.801



13, 2.368, 326.897



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



19, 10.156, 327.721



24, 14.970, 328.006



19, 7.292, 349.273



9, 2.406, 326.958



20, 51.783, 331.315



51, 97.016, 331.595

Inverse Universe

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



19, 10.156, 327.721



24, 14.970, 328.006



22, 7.048, 165.587



9, 2.406, 326.958



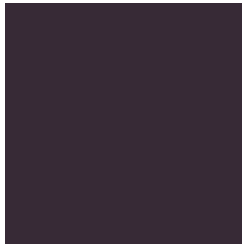
20, 51.783, 331.315



51, 97.016, 331.595

Previews

White Background



This preview shows how the CIE LCh color 19, 10.157, 327.721 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

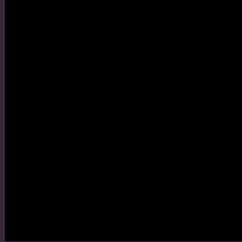
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 10.157, 327.721

Background



This preview shows how black text looks on a background with the CIELCh color 19, 10.157, 327.721.



This preview shows how white text looks on a background with the CIELCh color 19, 10.157, 327.721.

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

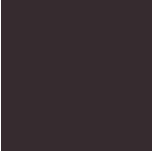
19, 10.157, 327.721

Protanopia

19, 7.566, 285.489

Deuteranopia

19, 6.261, 299.845



Tritanopia
19, 5.929, 353.357

Trichromacy



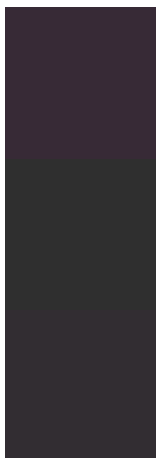
Original Color
19, 10.157, 327.721

Protanomaly
19, 7.686, 301.870

Deuteranomaly
19, 7.414, 313.145

Tritanomaly
19, 7.048, 338.249

Monochromacy



Original Color
19, 10.157, 327.721

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 4.159, 324.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 10.157, 327.721 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(55, 42, 54)` looks like.

```
.text, #text, p{  
    color:rgb(55, 42, 54)  
}
```

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(55, 42, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 42, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 10.157, 327.721 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(55, 42, 54) }
```

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

```
.border{ border-color:rgb(55, 42, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 42, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 42, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 42, 54);  
box-shadow:4px 4px 4px 4px rgb(55, 42, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 10.157, 327.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 42, 54) }
```

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

```
.background{ background-color: rgb(55, 42,  
54) }
```

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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