

Converting Colors

CIELCh(19, 14.529, 315.857)

Have a look what the booklet for
CIELCh(19, 14.529, 315.857)
contains.

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Color

CIELCh(19, 14.880, 315.352)

Conversions

Conversions Part 1

Format	Color
Hex	36293D
RGB	54, 41, 61
RGB Percent	21%, 16%, 24%
CMY	0.7867, 0.8378, 0.7593
CMYK	0.11, 0.33, 0.00, 0.76
HSL	279°, 19%, 20%
HSV	279°, 33%, 24%
XYZ	3.1998, 2.7468, 4.8306
YIQ	47.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

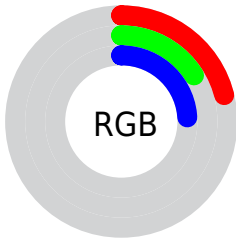
Format	Color
R _Y B	54, 41, 61
Decimal	3549501
CIE Lab	19.00, 10.59, -10.46
CIE LCh	19, 14.880, 315.352
Yxy	2.7468, 0.2969, 0.2549
Android (android.graphics.Color)	4281739581 (0xFF36293D)
YUV	47.1670, 6.8197, 5.9925
Hunter-Lab	16.5735, 5.4592, -5.6795




Details

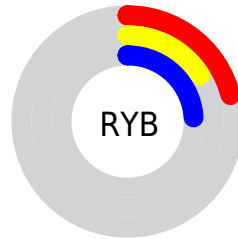
The CIELCh color **19, 14.880, 315.352** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 14.504, 132.833**, and the grayscale version is **20, 0.004, 296.813**.




A 20% lighter version of the original color is **39, 14.840, 315.963**, and **1, 8.781, 299.261** is the 20% darker color. If you saturate the color by 10%, you get **17, 19.536, 315.735**, and if you desaturate by 10%, it is **21, 10.240, 314.963**.

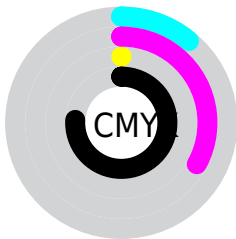
Distribution







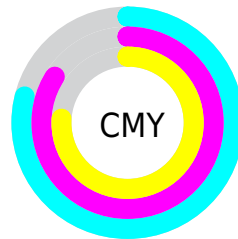
-  Red (21%)
-  Green (16%)
-  Blue (24%)






-  Red (21%)
-  Yellow (16%)
-  Blue (24%)



-  Cyan (11%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (79%)
-  Magenta (84%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 14.880, 315.352 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, 14.880, 315.352 by changing the saturation by 10% instead.

■ 19, 14.880,
315.352

■ 19, 14.880,
315.352

■ 100, 14.880,
315.352

■ 9, 14.880, 315.352

■ 39, 14.880,
315.352

■ 0, 14.880, 315.352

■ 49, 14.880,
315.352

■ 59, 14.880,
315.352

■ 69, 14.880,
315.352

■ 79, 14.880,
315.352

■ 89, 14.880,

315.352

■ 99, 14.880,
315.352

■ 19, 14.880,
315.352

■ 19, 14.880,
315.352

■ 17, 19.536,
315.735

■ 21, 10.240,
314.963

■ 15, 24.147,
316.097

■ 23, 5.659, 314.578

■ 13, 28.616,
316.411

■ 25, 1.164, 314.166

■ 28, 3.232, 133.908

■ 11, 32.813,
316.646

■ 30, 7.521, 133.577

■ 10, 36.567,
316.758

■ 32, 11.701,
133.279

■ 8, 40.206, 316.885

■ 34, 15.771,
133.008

■ 7, 43.197, 317.090

■ 36, 19.735,
132.762

■ 38, 23.596,
132.540

Harmonies

Complementary

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



19, 14.880, 315.352



24, 14.504, 132.833

Rectangle

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



19, 14.880, 315.352



19, 14.880, 5.352



19, 14.880, 135.352



19, 14.880, 185.352

Sweetspot

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



19, 14.879, 315.352



31, 5.527, 314.495



20, 9.222, 274.121



15, 3.808, 314.515



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



19, 14.879, 315.352



23, 22.061, 315.663



20, 14.609, 330.562



10, 2.474, 314.417



14, 58.164, 316.505



40, 108.919, 315.716

Inverse Universe

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



19, 10.658, 355.601



24, 15.839, 356.574



24, 14.573, 146.779



10, 1.751, 353.201



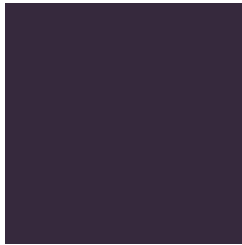
18, 41.048, 12.541



47, 77.543, 17.223

Previews

White Background



This preview shows how the CIE LCh color 19, 14.880, 315.352 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



This preview shows how the CIE LCh color 19, 14.880, 315.352 looks on a 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, 14.880, 315.352

Background



This preview shows how black text looks on a background with the CIELCh color 19, 14.880, 315.352.



This preview shows how white text looks on a background with the CIELCh color 19, 14.880, 315.352.

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, 14.880, 315.352

Protanopia

19, 13.088, 284.598

Deuteranopia

19, 10.312, 285.737



Tritanopia
19, 4.683, 344.715

Trichromacy



Original Color
19, 14.880, 315.352

Protanomaly
19, 13.781, 296.822

Deuteranomaly
19, 11.778, 299.098

Tritanomaly
19, 8.272, 325.300

Monochromacy



Original Color
19, 14.880, 315.352

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 5.144, 311.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 14.880, 315.352 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(54, 41, 61)` looks like.

```
.text, #text, p{  
    color:rgb(54, 41, 61)  
}
```

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(54, 41, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 41, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 14.880, 315.352 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(54, 41, 61) }
```

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

```
.border{ border-color:rgb(54, 41, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 41, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 41, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 41, 61);  
box-shadow:4px 4px 4px 4px rgb(54, 41, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 14.880, 315.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 41, 61) }
```

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

```
.background{ background-color: rgb(54, 41,  
61) }
```

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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