

Converting Colors

CIELCh(19, 19.251, 278.020)

Have a look what the booklet for
CIELCh(19, 19.251, 278.020)
contains.

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Color

CIELCh(19, 19.634, 278.841)

Conversions

Conversions Part 1

Format	Color
Hex	1E2E4A
RGB	30, 46, 74
RGB Percent	12%, 18%, 29%
CMY	0.8815, 0.8188, 0.7089
CMYK	0.59, 0.38, 0.00, 0.71
HSL	218°, 42%, 20%
HSV	218°, 59%, 29%
XYZ	2.7706, 2.7468, 6.9022
YIQ	44.4080, -18.5240, 5.3160

Conversions

Conversions Part 2

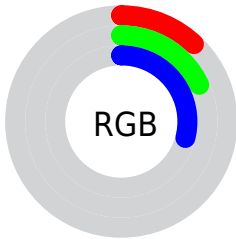
Format	Color
RYB	30, 42, 74
Decimal	1977930
CIELab	19.00, 3.02, -19.40
CIELCh	19, 19.634, 278.841
Yxy	2.7468, 0.2231, 0.2212
Android (android.graphics.Color)	4280168010 (0xFF1E2E4A)
YUV	44.4080, 14.5889, -12.6358
Hunter-Lab	16.5735, 0.8361, -13.0905

Details

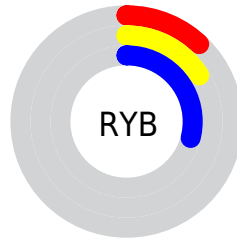
The CIELCh color **19, 19.634, 278.841** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **26, 20.145, 81.509**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 19.408, 278.432**, and **1, 16.134, 288.610** is the 20% darker color. If you saturate the color by 10%, you get **17, 23.102, 281.511**, and if you desaturate by 10%, it is **21, 16.224, 276.490**.

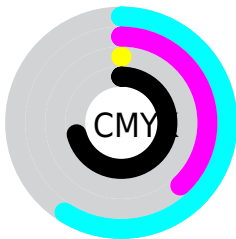
Distribution



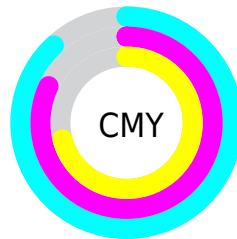
- Red (12%)
- Green (18%)
- Blue (29%)



- Red (12%)
- Yellow (16%)
- Blue (29%)



- Cyan (59%)
- Magenta (38%)
- Yellow (0%)
- Black (71%)



- Cyan (88%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 19.634, 278.841 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, 19.634, 278.841 by changing the saturation by 10% instead.

■ 19, 19.634,
278.841

■ 19, 19.634,
278.841

■ 100, 19.634,
278.841

■ 9, 19.634, 278.841

■ 39, 19.634,
278.841

■ 0, 19.634, 278.841

■ 49, 19.634,
278.841


■ 59, 19.634,
278.841


■ 69, 19.634,
278.841


■ 79, 19.634,
278.841


■ 89, 19.634,


278.841


 99, 19.634,
278.841

 19, 19.634,
278.841


 19, 19.634,
278.841

 17, 23.102,
281.511


 21, 16.224,
276.490

 15, 26.643,
284.490

 23, 12.860,
274.438


 13, 30.273,
287.695

 25, 9.536, 272.659

 11, 34.036,
290.503

 27, 6.246, 271.120

 30, 2.991, 269.800

 11, 34.314,
290.686

 32, 0.228, 88.020

■ 34, 3.411, 87.523

■ 36, 6.555, 86.639

■ 38, 9.660, 85.847

Harmonies

Complementary

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



19, 19.634, 278.841



26, 20.145, 81.509

Rectangle

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



19, 19.634, 278.841



19, 19.634, 328.841



19, 19.634, 98.841



19, 19.634, 148.841

Sweetspot

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



19, 19.634, 278.842



36, 7.273, 271.038



28, 20.396, 165.591



17, 4.989, 271.266



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, 19.634, 278.842



23, 29.628, 282.806



14, 31.113, 301.388



14, 1.845, 269.731



17, 44.783, 292.583



41, 87.314, 295.389

Inverse Universe

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



18, 22.907, 358.742



22, 33.357, 1.831



30, 26.964, 111.462



14, 2.139, 352.385



20, 43.295, 11.900



49, 79.217, 16.070

Previews

White Background



This preview shows how the CIELCh color 19, 19.634, 278.841 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 CIELCh color 19, 19.634, 278.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

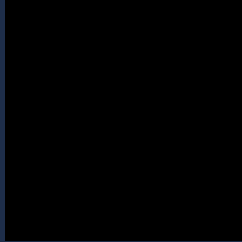
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 19.634, 278.841

Background



This preview shows how black text looks on a background with the CIELCh color 19, 19.634, 278.841.



This preview shows how white text looks on a background with the CIELCh color 19, 19.634, 278.841.

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, 19.634, 278.841

Protanopia

19, 19.357, 284.257

Deuteranopia

19, 19.634, 278.841



Tritanopia
19, 10.884, 212.232

Trichromacy



Original Color
19, 19.634, 278.841

Protanomaly
19, 19.456, 282.422

Deuteranomaly
19, 19.634, 278.841

Tritanomaly
19, 11.701, 243.317

Monochromacy



Original Color
19, 19.634, 278.841

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 7.800, 276.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 19.634, 278.841 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(30, 46, 74)` looks like.

```
.text, #text, p{  
    color:rgb(30, 46, 74)  
}
```

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(30, 46, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 46, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 19.634, 278.841 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(30, 46, 74) }
```

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

```
.border{ border-color:rgb(30, 46, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 46, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 46, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 46, 74);  
box-shadow:4px 4px 4px 4px rgb(30, 46, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 19.634, 278.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 46, 74) }
```

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

```
.background{ background-color: rgb(30, 46,  
74) }
```

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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