

Converting Colors

CIELCh(19, 10.605, 281.721)

Have a look what the booklet for
CIELCh(19, 10.605, 281.721)
contains.

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Color

CIELCh(19, 10.417, 281.345)

Conversions

Conversions Part 1

Format	Color
Hex	292E3D
RGB	41, 46, 61
RGB Percent	16%, 18%, 24%
CMY	0.8398, 0.8202, 0.7614
CMYK	0.33, 0.25, 0.00, 0.76
HSL	225°, 20%, 20%
HSV	225°, 33%, 24%
XYZ	2.7186, 2.7468, 4.7809
YIQ	46.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

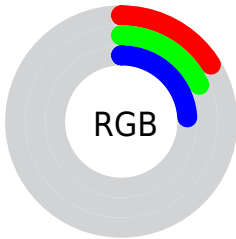
Format	Color
R_YB	41, 45, 61
Decimal	2698813
CIE _{Lab}	19.00, 2.05, -10.21
CIE _{LCh}	19, 10.417, 281.345
Yxy	2.7468, 0.2653, 0.2681
Android (android.graphics.Color)	4280888893 (0xFF292E3D)
YUV	46.2150, 7.2890, -4.5736
Hunter-Lab	16.5735, 0.2762, -5.5019

Details

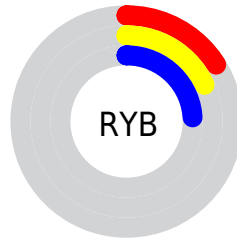
The CIELCh color **19, 10.417, 281.345** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 10.211, 93.757**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 9.935, 280.449**, and **1, 8.250, 288.252** is the 20% darker color. If you saturate the color by 10%, you get **17, 13.744, 283.001**, and if you desaturate by 10%, it is **21, 7.167, 279.898**.

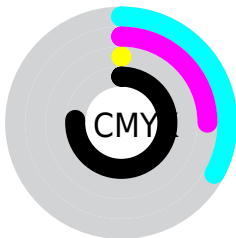
Distribution



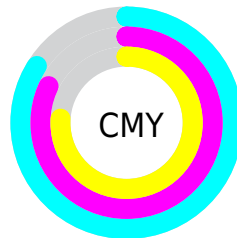
- Red (16%)
- Green (18%)
- Blue (24%)



- Red (16%)
- Yellow (18%)
- Blue (24%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 10.417, 281.345 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, 10.417, 281.345 by changing the saturation by 10% instead.

■ 19, 10.417,
281.345

■ 19, 10.417,
281.345

■ 100, 10.417,
281.345

■ 9, 10.417, 281.345

■ 39, 10.417,
281.345

■ 0, 10.417, 281.345

■ 49, 10.417,
281.345

■ 59, 10.417,
281.345

■ 69, 10.417,
281.345

■ 79, 10.417,
281.345

■ 89, 10.417,

281.345

99, 10.417,
281.345

19, 10.417,
281.345

19, 10.417,
281.345

17, 13.744,
283.001

21, 7.167, 279.898

23, 3.990, 278.640

15, 17.157,
284.893

25, 0.880, 277.603

13, 20.665,
287.036

27, 2.164, 96.499

29, 5.147, 95.661

11, 24.273,
289.432

31, 8.068, 94.905

9, 27.978, 292.051

33, 10.932, 94.228

■ 7, 31.712, 294.407

■ 35, 13.737, 93.622

■ 6, 33.998, 295.133

■ 37, 16.488, 93.077

Harmonies

Complementary

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



19, 10.417, 281.345



24, 10.211, 93.757

Rectangle

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



19, 10.417, 281.345



19, 10.417, 331.345



19, 10.417, 101.345



19, 10.417, 151.345

Sweetspot

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



19, 10.416, 281.344



31, 3.850, 278.365



24, 9.383, 175.552



15, 2.652, 278.425



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, 10.416, 281.344



24, 15.518, 282.634



18, 14.030, 301.460



10, 1.723, 278.143



12, 49.911, 298.470



34, 100.401, 300.958

Inverse Universe

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



19, 10.261, 2.648



24, 15.315, 3.672



25, 13.196, 117.432



10, 1.665, 0.109



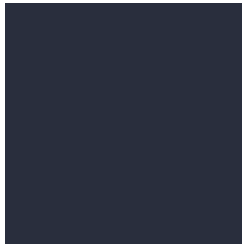
18, 42.417, 21.324



47, 81.504, 26.203

Previews

White Background



This preview shows how the CIE LCh color 19, 10.417, 281.345 looks on a white background.

Color Contrast Check

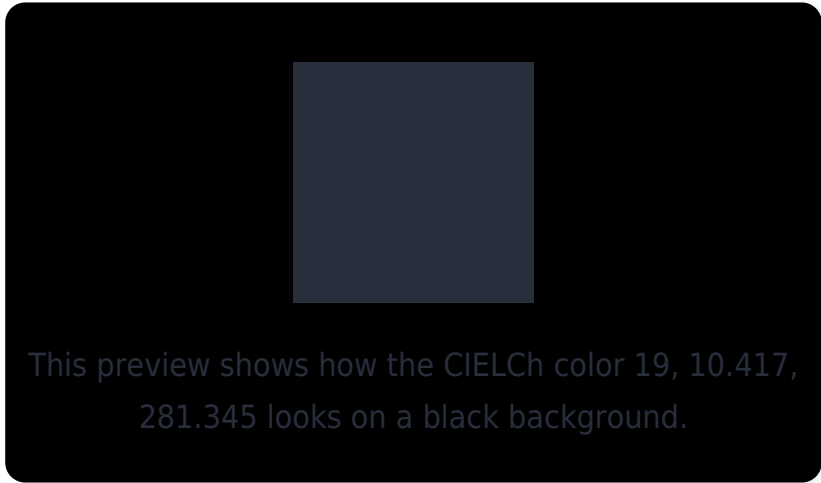
Large Text (above 18pt) WCAG AA ✓ Pass

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

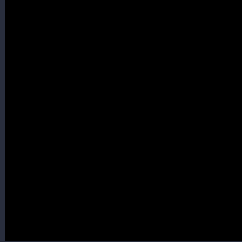
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 10.417, 281.345

Background



This preview shows how black text looks on a background with the CIELCh color 19, 10.417, 281.345.



This preview shows how white text looks on a background with the CIELCh color 19, 10.417, 281.345.

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

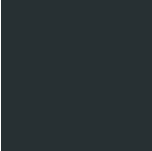
19, 10.417, 281.345

Protanopia

19, 10.358, 283.518

Deuteranopia

19, 11.024, 286.431



Tritanopia
19, 4.404, 226.675

Trichromacy



Original Color
19, 10.417, 281.345

Protanomaly
19, 10.358, 283.518

Deuteranomaly
19, 11.024, 286.431

Tritanomaly
19, 6.160, 262.418

Monochromacy



Original Color
19, 10.417, 281.345

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 3.529, 276.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 10.417, 281.345 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(41, 46, 61)` looks like.

```
.text, #text, p{  
    color:rgb(41, 46, 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(41, 46, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 46, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 10.417, 281.345 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(41, 46, 61) }
```

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

```
.border{ border-color:rgb(41, 46, 61) }
```

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

Here you see how a box with a 4 pixel rgb(41, 46, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 46, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 46, 61);  
box-shadow:4px 4px 4px 4px rgb(41, 46, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 10.417, 281.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 46, 61) }
```

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

```
.background{ background-color: rgb(41, 46,  
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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