

Converting Colors

CIELCh(10, 27.151, 0.175)

Have a look what the booklet for
CIELCh(10, 27.151, 0.175) contains.

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Color

CIELCh(10, 27.163, 0.916)

Conversions

Conversions Part 1

Format	Color
Hex	3B061C
RGB	59, 6, 28
RGB Percent	23%, 2%, 11%
CMY	0.7699, 0.9776, 0.8913
CMYK	0.00, 0.90, 0.53, 0.77
HSL	335°, 82%, 13%
HSV	335°, 90%, 23%
XYZ	2.0522, 1.1260, 1.1908
YIQ	24.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

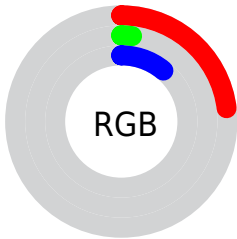
Format	Color
RYB	59, 6, 28
Decimal	3868188
CIELab	10.00, 27.16, 0.43
CIElCh	10, 27.163, 0.916
Yxy	1.1260, 0.4697, 0.2577
Android (android.graphics.Color)	4282058268 (0xFF3B061C)
YUV	24.3550, 1.7970, 30.3837
Hunter-Lab	10.6114, 15.9506, 0.7748




Details

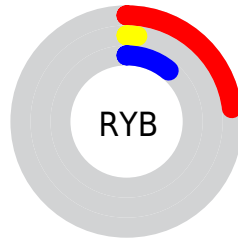
The CIELCh color **10, 27.163, 0.916** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21, 24.669, 158.519**, and the grayscale version is **8, 0.002, 296.813**.




A 20% lighter version of the original color is **30, 27.036, 0.821**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **9, 29.718, 2.693**, and if you desaturate by 10%, it is **11, 24.904, 358.631**.

Distribution







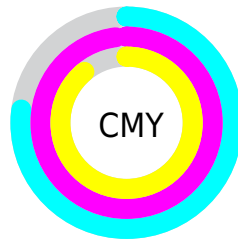
-  Red (23%)
-  Green (2%)
-  Blue (11%)






-  Red (23%)
-  Yellow (2%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (53%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (98%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 10, 27.163, 0.916 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 10, 27.163, 0.916 by changing the saturation by 10% instead.

 10, 27.163, 0.916  10, 27.163, 0.916

 100, 27.163, 0.916  0, 27.163, 0.916

 30, 27.163, 0.916

 40, 27.163, 0.916

 50, 27.163, 0.916

 60, 27.163, 0.916

 70, 27.163, 0.916

 80, 27.163, 0.916

 90, 27.163, 0.916

 10, 27.163, 0.916  10, 27.163, 0.916

■ 9, 29.718, 2.693

■ 11, 24.904,
358.631

■ 12, 22.405,
356.536

■ 14, 19.530,
354.806

■ 15, 16.405,
353.353

■ 17, 13.139,
352.111

■ 19, 9.821, 351.028

■ 21, 6.514, 350.067

■ 23, 3.260, 349.188

■ 25, 0.087, 346.360

Harmonies

Complementary

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



10, 27.163, 0.916



21, 24.669, 158.519

Rectangle

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



10, 27.163, 0.916



10, 27.163, 50.916



10, 27.163, 180.916



10, 27.163, 230.916

Sweetspot

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



10, 27.162, 0.917



26, 10.915, 350.827



7, 38.145, 314.923



11, 7.223, 350.901



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



10, 27.162, 0.917



14, 35.338, 4.987



10, 26.995, 30.026



10, 1.822, 349.034



18, 40.791, 6.539



47, 76.232, 10.814

Inverse Universe

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



10, 27.162, 0.917



14, 35.338, 4.987



20, 15.243, 208.296



10, 1.822, 349.034



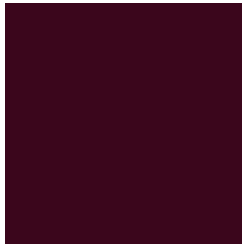
18, 40.791, 6.539



47, 76.232, 10.814

Previews

White Background



This preview shows how the CIE LCh color 10, 27.163, 0.916 looks on a white background.

Color Contrast Check

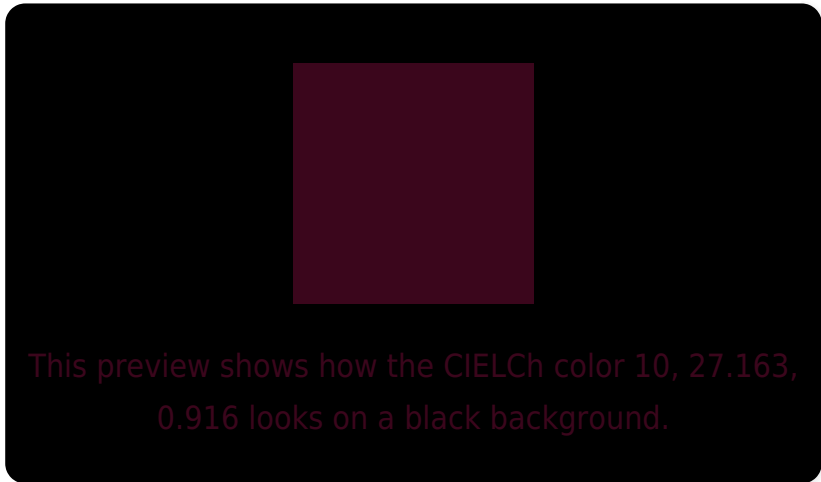
Large Text (above 18pt) WCAG AA ✓ Pass

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

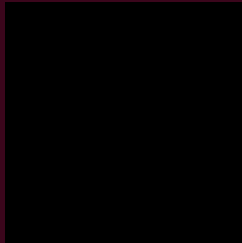
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 10, 27.163, 0.916

Background



This preview shows how black text looks on a background with the CIELCh color 10, 27.163, 0.916.



This preview shows how white text looks on a background with the CIELCh color 10, 27.163, 0.916.

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

10, 27.163, 0.916

Protanopia

11, 7.319, 285.436

Deuteranopia

11, 4.349, 61.673



Tritanopia
10, 25.242, 26.515

Trichromacy



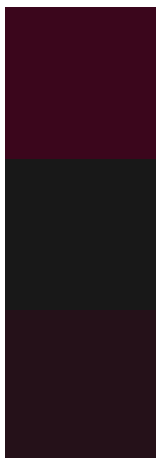
Original Color
10, 27.163, 0.916

Protanomaly
10, 13.873, 331.653

Deuteranomaly
10, 12.592, 7.310

Tritanomaly
10, 25.210, 17.981

Monochromacy



Original Color
10, 27.163, 0.916

Achromatopsia
8, 0.002, 296.813

Achromatomaly
8, 11.855, 354.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 10, 27.163, 0.916 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(59, 6, 28)` looks like.

```
.text, #text, p{  
    color:rgb(59, 6, 28)  
}
```

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(59, 6, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 6, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 10, 27.163, 0.916 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(59, 6, 28) }
```

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

```
.border{ border-color:rgb(59, 6, 28) }
```

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

Here you see how a box with a 4 pixel rgb(59, 6, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 6, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 6, 28); box-shadow:4px  
4px 4px 4px rgb(59, 6, 28) }
```

Background

The CSS property to change the background color of an element to CIELCh 10, 27.163, 0.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 6, 28) }
```

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

```
.background{ background-color: rgb(59, 6,  
28) }
```

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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