

Converting Colors

CIELCh(19, 28.366, 148.461)

Have a look what the booklet for
CIELCh(19, 28.366, 148.461)
contains.

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Color

CIELCh(19, 28.471, 148.119)

Conversions

Conversions Part 1

Format	Color
Hex	053617
RGB	5, 54, 23
RGB Percent	2%, 21%, 9%
CMY	0.9798, 0.7877, 0.9093
CMYK	0.90, 0.00, 0.57, 0.79
HSL	142°, 83%, 12%
HSV	142°, 90%, 21%
XYZ	1.5460, 2.7468, 1.2659
YIQ	35.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

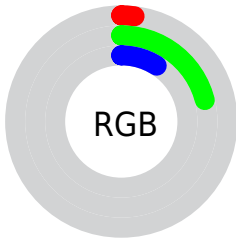
Format	Color
R_{YB}	5, 41, 54
Decimal	341527
CIE _{Lab}	19.00, -24.18, 15.04
CIE _{LCh}	19, 28.471, 148.119
Yxy	2.7468, 0.2781, 0.4941
Android (android.graphics.Color)	4278531607 (0xFF053617)
YUV	35.8150, -6.3178, -27.0248
Hunter-Lab	16.5735, -12.3528, 7.0730

Details

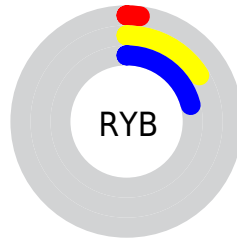
The CIELCh color **19, 28.471, 148.119** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9, 28.061, 344.980**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 28.333, 147.783**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **19, 30.937, 147.176**, and if you desaturate by 10%, it is **19, 25.882, 149.432**.

Distribution



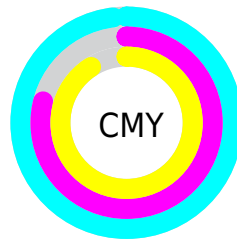
- Red (2%)
- Green (21%)
- Blue (9%)



- Red (2%)
- Yellow (16%)
- Blue (21%)



- Cyan (90%)
- Magenta (0%)
- Yellow (57%)
- Black (79%)





- Cyan (98%)
- Magenta (79%)
- Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 28.471, 148.119 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, 28.471, 148.119 by changing the saturation by 10% instead.

 19, 28.471,
148.119

 19, 28.471,
148.119


 100, 28.471,
148.119


 9, 28.471, 148.119


 39, 28.471,
148.119

 0, 28.471, 148.119

 49, 28.471,
148.119


 59, 28.471,
148.119


 69, 28.471,
148.119


 79, 28.471,
148.119


 89, 28.471,

148.119


 99, 28.471,
148.119


 19, 28.471,
148.119


 19, 28.471,
148.119


 19, 30.937,
147.176

 19, 25.882,
149.432

 19, 23.148,
150.807

 20, 20.192,
152.040

 20, 17.057,
153.141

 21, 13.785,
154.123

■ 21, 10.422,
154.998

■ 21, 7.008, 155.784

■ 22, 3.578, 156.503

■ 23, 0.160, 157.993

Harmonies

Complementary

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



19, 28.471, 148.119



9, 28.061, 344.980

Rectangle

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



19, 28.471, 148.119



19, 28.471, 198.119



19, 28.471, 328.119



19, 28.471, 18.119

Sweetspot

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



19, 28.471, 148.119



28, 11.644, 155.167



20, 30.464, 121.765



13, 7.688, 155.126



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, 28.471, 148.119



26, 38.069, 145.921



20, 17.458, 181.270



10, 1.946, 156.650



33, 46.077, 145.020



77, 90.452, 143.129

Inverse Universe

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



9, 28.061, 344.980



13, 36.201, 347.149



8, 25.814, 18.672



9, 1.958, 337.587



18, 42.657, 348.129



48, 79.069, 350.445

Previews

White Background



This preview shows how the CIELCh color 19, 28.471, 148.119 looks on a white background.

Color Contrast Check

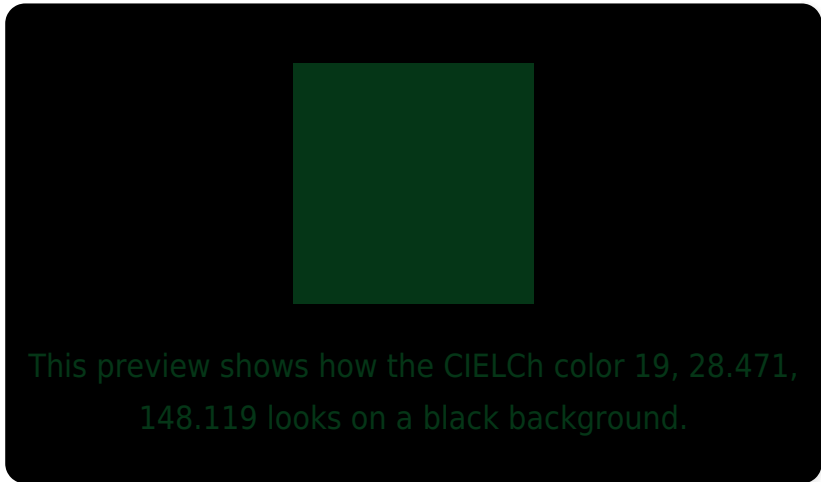
Large Text (above 18pt) WCAG AA ✓ Pass

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

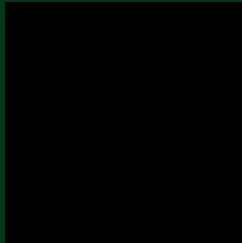
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 28.471, 148.119

Background



This preview shows how black text looks on a background with the CIELCh color 19, 28.471, 148.119.



This preview shows how white text looks on a background with the CIELCh color 19, 28.471, 148.119.

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, 28.471, 148.119

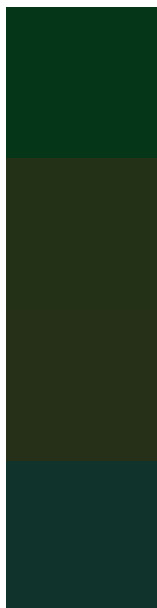
Protanopia
19, 17.514, 96.905

Deuteranopia
19, 14.264, 77.414



Tritanopia
19, 11.170, 211.772

Trichromacy



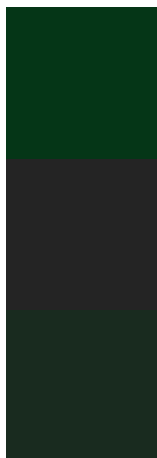
Original Color
19, 28.471, 148.119

Protanomaly
19, 20.059, 128.150

Deuteranomaly
18, 16.262, 124.826

Tritanomaly
19, 15.693, 173.172

Monochromacy



Original Color
19, 28.471, 148.119

Achromatopsia
14, 0.003, 296.813

Achromatomaly
16, 12.051, 152.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 28.471, 148.119 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(5, 54, 23)` looks like.

```
.text, #text, p{  
    color:rgb(5, 54, 23)  
}
```

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(5, 54, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 54, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 28.471, 148.119 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(5, 54, 23) }
```

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

```
.border{ border-color:rgb(5, 54, 23) }
```

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

Here you see how a box with a 4 pixel rgb(5, 54, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 54, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 54, 23); box-shadow:4px  
4px 4px 4px rgb(5, 54, 23) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 28.471, 148.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 54, 23) }
```

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

```
.background{ background-color: rgb(5, 54,  
23) }
```

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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