

Converting Colors

CIELCh(19, 27.368, 126.671)

Have a look what the booklet for
CIELCh(19, 27.368, 126.671)
contains.

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Color

CIELCh(19, 27.763, 127.057)

Conversions

Conversions Part 1

Format	Color
Hex	1F340B
RGB	31, 52, 11
RGB Percent	12%, 20%, 4%
CMY	0.8793, 0.7970, 0.9580
CMYK	0.41, 0.00, 0.79, 0.80
HSL	91°, 66%, 12%
HSV	91°, 79%, 20%
XYZ	1.8349, 2.7468, 0.7413
YIQ	41.0470, 0.6450, -17.2030

Conversions

Conversions Part 2

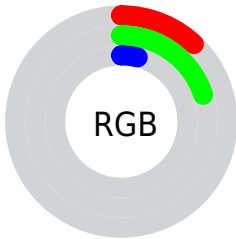
Format	Color
RYB	11, 52, 32
Decimal	2044939
CIELab	19.00, -16.73, 22.16
CIElCh	19, 27.763, 127.057
Yxy	2.7468, 0.3447, 0.5160
Android (android.graphics.Color)	4280235019 (0xFF1F340B)
YUV	41.0470, -14.8132, -8.8112
Hunter-Lab	16.5735, -9.2409, 8.9497

Details

The CIELCh color **19, 27.763, 127.057** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7, 30.693, 312.501**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 28.004, 127.124**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **19, 30.218, 127.493**, and if you desaturate by 10%, it is **19, 24.945, 126.885**.

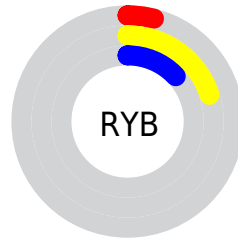
Distribution



Red (12%)

Green (20%)

Blue (4%)



Red (4%)

Yellow (20%)

Blue (13%)

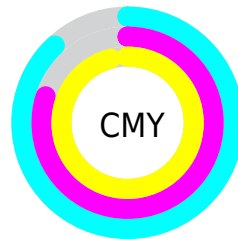


Cyan (41%)

Magenta (0%)

Yellow (79%)

Black (80%)



Cyan (88%)


Magenta (80%)


Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 27.763, 127.057 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, 27.763, 127.057 by changing the saturation by 10% instead.

 19, 27.763,
127.057


 19, 27.763,
127.057


 100, 27.763,
127.057


 9, 27.763, 127.057


 39, 27.763,
127.057

 0, 27.763, 127.057

 49, 27.763,
127.057


 59, 27.763,
127.057


 69, 27.763,
127.057


 79, 27.763,
127.057

 89, 27.763,

127.057


 99, 27.763,
127.057


 19, 27.763,
127.057


 19, 27.763,
127.057


 19, 30.218,
127.493


 19, 24.945,
126.885


 19, 32.675,
127.833

 20, 21.647,
127.164

 19, 32.843,
127.853

 20, 18.162,
127.527

 20, 14.559,
127.925

 20, 10.886,
128.334

■ 21, 7.176, 128.738

■ 21, 3.455, 129.131

■ 22, 0.257, 309.297

■ 22, 3.948, 309.808

Harmonies

Complementary

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



19, 27.763, 127.057



7, 30.693, 312.501

Rectangle

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



19, 27.763, 127.057



19, 27.763, 177.057



19, 27.763, 307.057



19, 27.763, 357.057

Sweetspot

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



19, 27.763, 127.058



27, 10.972, 128.502



14, 18.147, 65.475



12, 7.373, 128.473



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



19, 27.763, 127.058



25, 38.963, 126.816



18, 31.659, 138.943



9, 2.022, 129.194



33, 50.310, 127.202



78, 97.007, 128.580

Inverse Universe

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



7, 30.693, 312.501



8, 44.259, 313.140



11, 31.402, 327.668



8, 2.044, 309.739



11, 57.447, 312.981



35, 110.234, 312.035

Previews

White Background



This preview shows how the CIELCh color 19, 27.763, 127.057 looks on a white background.

Color Contrast Check

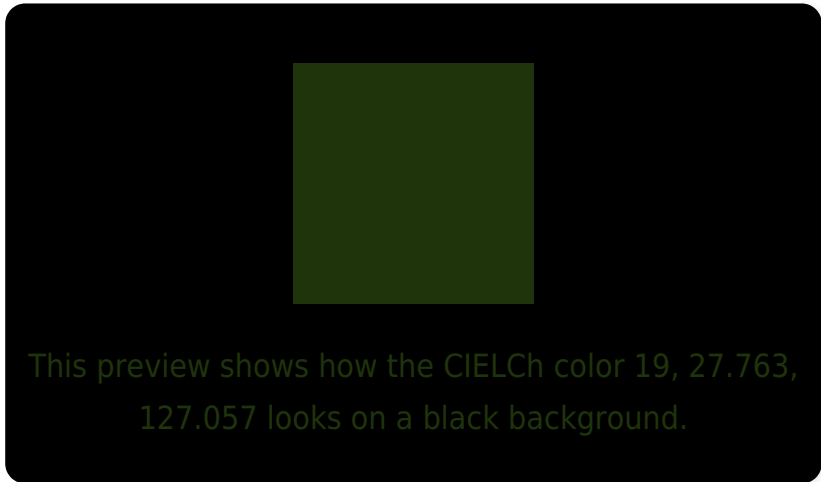
Large Text (above 18pt) WCAG AA ✓ Pass

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

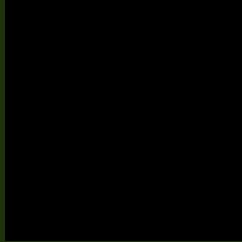
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

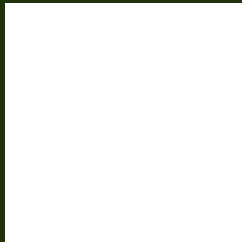
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 19, 27.763, 127.057

Background



This preview shows how black text looks on a background with the CIELCh color 19, 27.763, 127.057.



This preview shows how white text looks on a background with the CIELCh color 19, 27.763, 127.057.

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, 27.763, 127.057

Protanopia
19, 23.259, 96.224

Deuteranopia
19, 21.360, 83.476



Tritanopia
19, 5.400, 229.295

Trichromacy



Original Color
19, 27.763, 127.057

Protanomaly
19, 23.745, 109.817

Deuteranomaly
19, 21.798, 103.348

Tritanomaly
19, 10.622, 146.958

Monochromacy



Original Color
19, 27.763, 127.057

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 11.052, 128.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 27.763, 127.057 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(31, 52, 11)` looks like.

```
.text, #text, p{  
    color:rgb(31, 52, 11)  
}
```

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(31, 52, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 52, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 27.763, 127.057 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(31, 52, 11) }
```

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

```
.border{ border-color:rgb(31, 52, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 52, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 52, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 52, 11);  
box-shadow:4px 4px 4px 4px rgb(31, 52, 11)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 27.763, 127.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 52, 11) }
```

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

```
.background{ background-color: rgb(31, 52,  
11) }
```

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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