

Converting Colors

CIELCh(19, 10.527, 178.204)

Have a look what the booklet for
CIELCh(19, 10.527, 178.204)
contains.

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Color

CIELCh(19, 10.527, 178.204)

Conversions

Conversions Part 1

Format	Color
Hex	1B322D
RGB	27, 50, 45
RGB Percent	11%, 20%, 18%
CMY	0.8926, 0.8023, 0.8220
CMYK	0.46, 0.00, 0.10, 0.80
HSL	167°, 30%, 15%
HSV	167°, 46%, 20%
XYZ	2.1017, 2.7468, 2.9420
YIQ	42.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

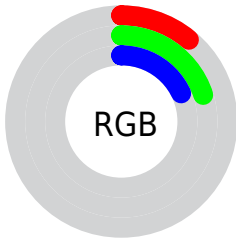
Format	Color
R_{YB}	27, 40, 50
Decimal	1782317
CIE Lab	19.00, -10.52, 0.33
CIE LCh	19, 10.527, 178.204
Yxy	2.7468, 0.2698, 0.3526
Android (android.graphics.Color)	4279972397 (0xFF1B322D)
YUV	42.5530, 1.2064, -13.6400
Hunter-Lab	16.5735, -6.3678, 1.0767

Details

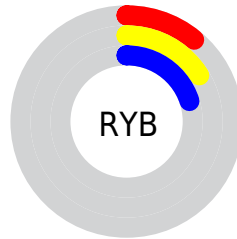
The CIELCh color **19, 10.527, 178.204** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 12.267, 6.536**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 10.164, 180.492**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **19, 12.503, 177.245**, and if you desaturate by 10%, it is **19, 8.399, 179.100**.

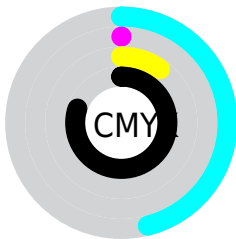
Distribution



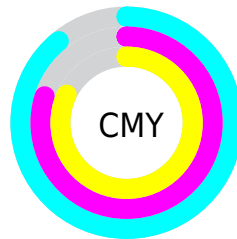
- Red (11%)
- Green (20%)
- Blue (18%)



- Red (11%)
- Yellow (16%)
- Blue (20%)



- Cyan (46%)
- Magenta (0%)
- Yellow (10%)
- Black (80%)



- Cyan (89%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 10.527, 178.204 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, 10.527, 178.204 by changing the saturation by 10% instead.

■ 19, 10.527,
178.204

■ 19, 10.527,
178.204

■ 100, 10.527,
178.204

■ 9, 10.527, 178.204

■ 39, 10.527,
178.204

■ 0, 10.527, 178.204

■ 49, 10.527,
178.204


■ 59, 10.527,
178.204


■ 69, 10.527,
178.204


■ 79, 10.527,
178.204


■ 89, 10.527,

178.204


 99, 10.527,
178.204

 19, 10.527,
178.204


 19, 10.527,
178.204

 19, 12.503,
177.245


 19, 8.399, 179.100

 18, 14.299,
176.218


 20, 6.147, 179.952

 18, 15.891,
175.106

 20, 3.800, 180.772

 18, 17.305,
173.944

 21, 1.076, 2.042

 18, 18.752,
172.951

 22, 3.562, 2.876

 22, 6.056, 3.582

■ 18, 19.400,
172.574

■ 23, 8.544, 4.255

■ 24, 11.016, 4.903

Harmonies

Complementary

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



19, 10.527, 178.204



13, 12.267, 6.536

Rectangle

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



19, 10.527, 178.204



19, 10.527, 228.204



19, 10.527, 358.204



19, 10.527, 48.204

Sweetspot

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



19, 10.527, 178.202



27, 4.283, 180.844



19, 17.753, 135.785



12, 2.891, 180.803



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, 10.527, 178.202



25, 15.445, 177.008



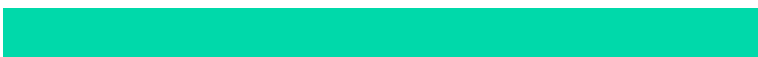
17, 7.947, 230.977



9, 1.365, 181.387



33, 28.994, 170.598



78, 56.419, 168.866

Inverse Universe

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



13, 12.267, 6.536



17, 18.818, 8.511



15, 10.237, 45.976



8, 1.401, 2.454



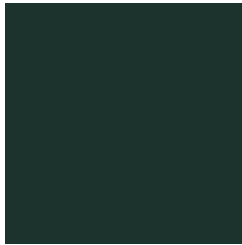
16, 41.303, 23.419



46, 81.696, 28.730

Previews

White Background



This preview shows how the CIELCh color 19, 10.527, 178.204 looks on a white background.

Color Contrast Check

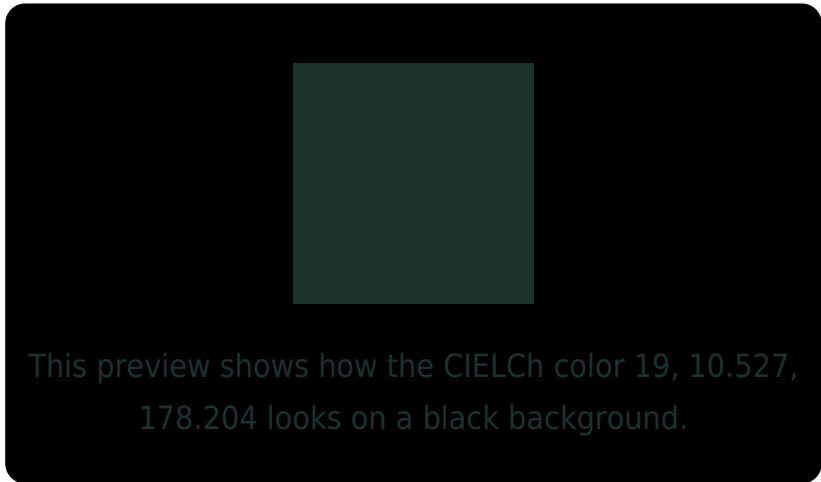
Large Text (above 18pt) WCAG AA ✓ Pass

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

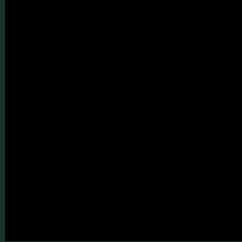
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 10.527, 178.204

Background



This preview shows how black text looks on a background with the CIELCh color 19, 10.527, 178.204.



This preview shows how white text looks on a background with the CIELCh color 19, 10.527, 178.204.

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](#).

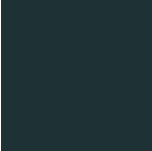
Dichromacy



Original Color
19, 10.527, 178.204

Protanopia
19, 2.259, 84.288

Deuteranopia
19, 2.746, 350.105



Tritanopia
19, 8.138, 217.876

Trichromacy



Original Color
19, 10.527, 178.204

Protanomaly
19, 4.301, 159.066

Deuteranomaly
19, 2.428, 182.552

Tritanomaly
19, 8.760, 197.715

Monochromacy



Original Color
19, 10.527, 178.204

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 4.390, 180.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 10.527, 178.204 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(27, 50, 45)` looks like.

```
.text, #text, p{  
    color:rgb(27, 50, 45)  
}
```

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(27, 50, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 50, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 10.527, 178.204 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(27, 50, 45) }
```

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

```
.border{ border-color:rgb(27, 50, 45) }
```

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

Here you see how a box with a 4 pixel rgb(27, 50, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 50, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 50, 45);  
box-shadow:4px 4px 4px 4px rgb(27, 50, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 10.527, 178.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 50, 45) }
```

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

```
.background{ background-color: rgb(27, 50,  
45) }
```

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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