

Converting Colors

CIELCh(18, 9.203, 191.976)

Have a look what the booklet for
CIELCh(18, 9.203, 191.976) contains.

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Color

CIELCh(18, 9.251, 193.243)

Conversions

Conversions Part 1

Format	Color
Hex	1A302F
RGB	26, 48, 47
RGB Percent	10%, 19%, 18%
CMY	0.8988, 0.8126, 0.8165
CMYK	0.46, 0.00, 0.02, 0.81
HSL	177°, 30%, 14%
HSV	177°, 46%, 19%
XYZ	1.9787, 2.5180, 3.0500
YIQ	41.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

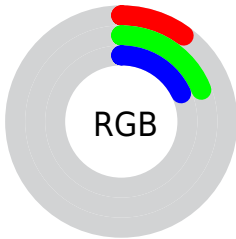
Format	Color
RYB	26, 37, 48
Decimal	1716271
CIELab	18.00, -9.00, -2.12
CIELCh	18, 9.251, 193.243
Yxy	2.5180, 0.2622, 0.3337
Android (android.graphics.Color)	4279906351 (0xFF1A302F)
YUV	41.3080, 2.8062, -13.4251
Hunter-Lab	15.8683, -5.5116, -0.2879

Details

The CIELCh color **18, 9.251, 193.243** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12, 11.803, 19.598**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 9.138, 194.363**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 10.849, 192.747**, and if you desaturate by 10%, it is **18, 7.476, 193.748**.

Distribution



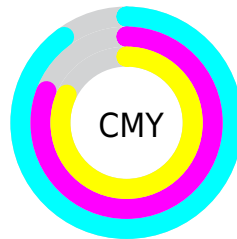
- Red (10%)
- Green (19%)
- Blue (18%)



- Red (10%)
- Yellow (15%)
- Blue (19%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (81%)



- Cyan (90%)
- Magenta (81%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 9.251, 193.243 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 18, 9.251, 193.243 by changing the saturation by 10% instead.

 18, 9.251, 193.243

 18, 9.251, 193.243

 100, 9.251,
193.243

 8, 9.251, 193.243

 38, 9.251, 193.243

 0, 9.251, 193.243

 48, 9.251, 193.243

 58, 9.251, 193.243

 68, 9.251, 193.243

 78, 9.251, 193.243

 88, 9.251, 193.243

 98, 9.251, 193.243

■ 18, 9.251, 193.243

■ 18, 9.251, 193.243

■ 18, 10.849,
192.747

■ 18, 7.476, 193.748

■ 18, 12.249,
192.265

■ 19, 5.549, 194.273

■ 19, 3.495, 194.822

■ 17, 13.433,
191.791

■ 19, 1.338, 195.454

■ 17, 14.454,
191.332

■ 20, 0.899, 15.625

■ 20, 3.194, 16.341

■ 17, 15.503,
190.912

■ 21, 5.531, 16.927

■ 17, 15.931,
190.755

■ 22, 7.893, 17.499

■ 22, 10.268, 18.067

Harmonies

Complementary

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



18, 9.251, 193.243



12, 11.803, 19.598

Rectangle

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



18, 9.251, 193.243



18, 9.251, 243.243



18, 9.251, 13.243



18, 9.251, 63.243

Sweetspot

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



18, 9.251, 193.240



25, 3.769, 194.896



17, 18.117, 140.483



11, 2.539, 194.876



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



18, 9.251, 193.240



23, 13.015, 192.657



14, 8.408, 255.982



7, 1.115, 195.586



33, 23.633, 190.139



78, 45.628, 189.595

Inverse Universe

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



12, 11.803, 19.598



15, 17.846, 21.376



15, 9.698, 65.477



7, 1.116, 15.690



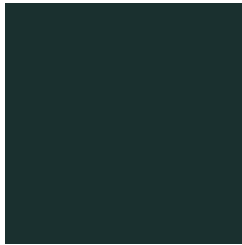
16, 43.066, 31.731



45, 89.833, 38.489

Previews

White Background



This preview shows how the CIELCh color 18, 9.251, 193.243 looks on a white background.

Color Contrast Check

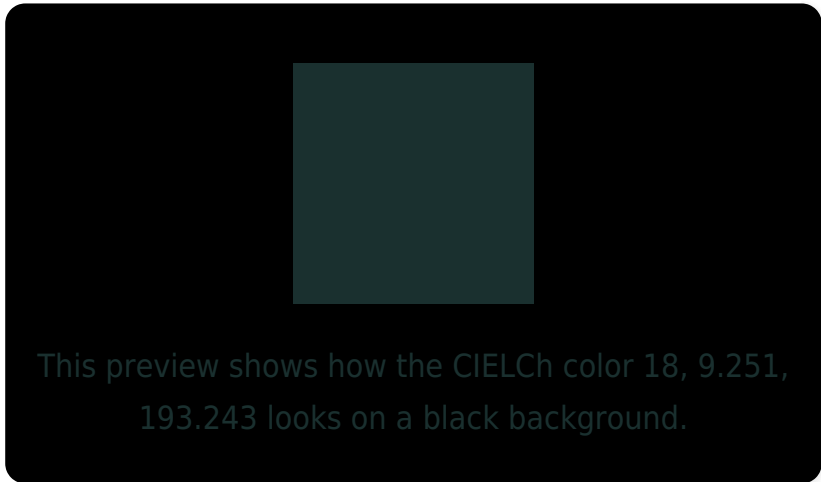
Large Text (above 18pt) WCAG AA ✓ Pass

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

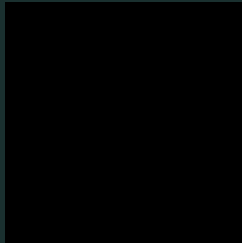
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

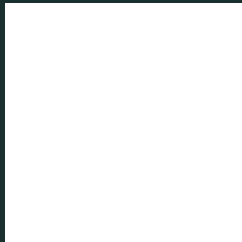
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 18, 9.251, 193.243

Background



This preview shows how black text looks on a background with the CIELCh color 18, 9.251, 193.243.



This preview shows how white text looks on a background with the CIELCh color 18, 9.251, 193.243.

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

18, 9.251, 193.243

Protanopia

18, 0.476, 19.101

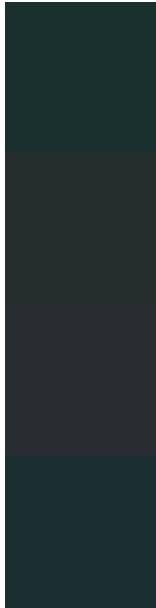
Deuteranopia

18, 3.744, 312.827



Tritanopia
18, 8.473, 217.105

Trichromacy



Original Color

18, 9.251, 193.243

Protanomaly

18, 3.208, 198.786

Deuteranomaly

18, 3.357, 237.224

Tritanomaly

18, 8.337, 207.432

Monochromacy



Original Color

18, 9.251, 193.243

Achromatopsia

17, 0.003, 296.813

Achromatomaly

17, 3.668, 198.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 9.251, 193.243 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(26, 48, 47)` looks like.

```
.text, #text, p{  
    color:rgb(26, 48, 47)  
}
```

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(26, 48, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 48, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 9.251, 193.243 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(26, 48, 47) }
```

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

```
.border{ border-color:rgb(26, 48, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 48, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 48, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 48, 47);  
box-shadow:4px 4px 4px 4px rgb(26, 48, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 9.251, 193.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 48, 47) }
```

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

```
.background{ background-color: rgb(26, 48,  
47) }
```

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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