

Converting Colors

CIELCh(18, 12.942, 160.899)

Have a look what the booklet for
CIELCh(18, 12.942, 160.899)
contains.

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Color

CIELCh(18, 12.912, 160.976)

Conversions

Conversions Part 1

Format	Color
Hex	1A3126
RGB	26, 49, 38
RGB Percent	10%, 19%, 15%
CMY	0.8995, 0.8093, 0.8524
CMYK	0.47, 0.00, 0.23, 0.81
HSL	151°, 31%, 15%
HSV	151°, 47%, 19%
XYZ	1.8437, 2.5180, 2.1926
YIQ	40.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

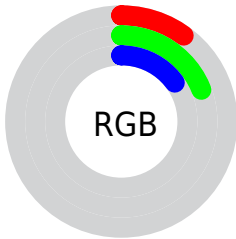
Format	Color
RYB	26, 41, 49
Decimal	1716518
CIELab	18.00, -12.21, 4.21
CIELCh	18, 12.912, 160.976
Yxy	2.5180, 0.2813, 0.3842
Android (android.graphics.Color)	4279906598 (0xFF1A3126)
YUV	40.8690, -1.4144, -13.0401
Hunter-Lab	15.8683, -7.0300, 2.9156

Details

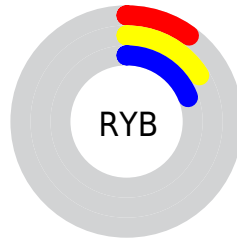
The CIELCh color **18, 12.912, 160.976** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 13.607, 348.846**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 12.463, 161.559**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 15.434, 159.901**, and if you desaturate by 10%, it is **18, 10.280, 161.948**.

Distribution



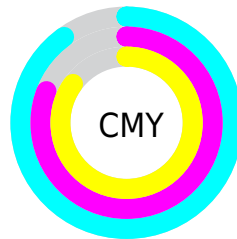
- Red (10%)
- Green (19%)
- Blue (15%)



- Red (10%)
- Yellow (16%)
- Blue (19%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (81%)



- Cyan (90%)
- Magenta (81%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 12.912, 160.976 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, 12.912, 160.976 by changing the saturation by 10% instead.

■ 18, 12.912,
160.976

■ 18, 12.912,
160.976

■ 100, 12.912,
160.976

■ 8, 12.912, 160.976

■ 38, 12.912,
160.976

■ 0, 12.912, 160.976

■ 48, 12.912,
160.976


■ 58, 12.912,
160.976


■ 68, 12.912,
160.976


■ 78, 12.912,
160.976


■ 88, 12.912,


160.976


 98, 12.912,
160.976

 18, 12.912,
160.976


 18, 12.912,
160.976

 18, 15.434,
159.901

 18, 10.280,
161.948


 17, 17.811,
158.712

 19, 7.568, 162.835


 17, 20.015,
157.393

 19, 4.807, 163.653

 20, 2.024, 164.437

 17, 22.103,
156.084

 20, 0.760, 344.840

 17, 24.242,
155.070

 21, 3.526, 345.635

■ 17, 24.835,
154.839

■ 22, 6.259, 346.247

■ 22, 8.948, 346.811

■ 23, 11.585,
347.340

Harmonies

Complementary

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



18, 12.912, 160.976



13, 13.607, 348.846

Rectangle

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



18, 12.912, 160.976



18, 12.912, 210.976



18, 12.912, 340.976



18, 12.912, 30.976

Sweetspot

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



18, 12.912, 160.975



26, 4.893, 163.848



18, 16.568, 127.826



12, 3.414, 163.801



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



18, 12.912, 160.975



24, 19.193, 159.566



18, 9.289, 199.227



9, 1.600, 164.353



33, 39.000, 152.127



76, 77.367, 150.024

Inverse Universe

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



13, 13.607, 348.846



16, 20.418, 350.380



12, 12.284, 24.314



8, 1.618, 345.378



17, 39.503, 0.632



47, 74.727, 4.652

Previews

White Background



This preview shows how the CIELCh color 18, 12.912, 160.976 looks on a white background.

Color Contrast Check

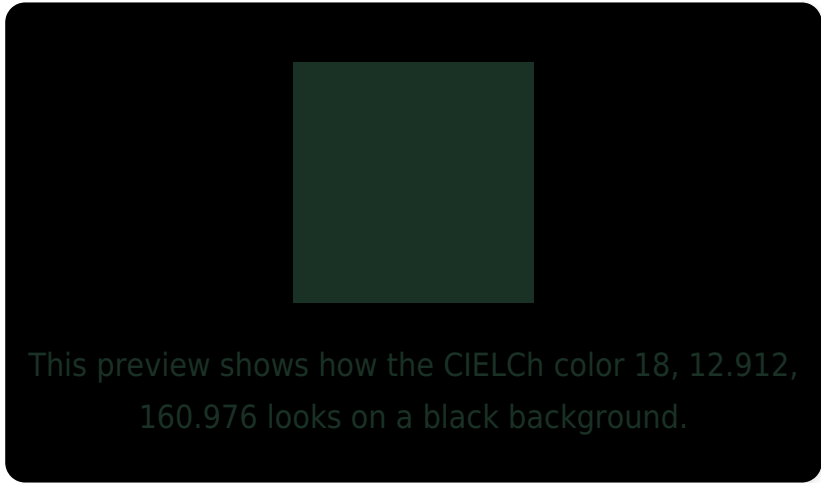
Large Text (above 18pt) WCAG AA ✓ Pass

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

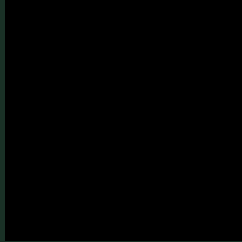
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 12.912, 160.976

Background



This preview shows how black text looks on a background with the CIELCh color 18, 12.912, 160.976.



This preview shows how white text looks on a background with the CIELCh color 18, 12.912, 160.976.

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](#).

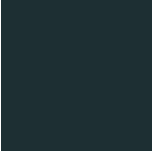
Dichromacy



Original Color
18, 12.912, 160.976

Protanopia
18, 6.362, 94.706

Deuteranopia
18, 4.516, 47.232



Tritanopia
18, 7.817, 218.897

Trichromacy



Original Color
18, 12.912, 160.976

Protanomaly
18, 7.693, 134.942

Deuteranomaly
18, 3.757, 132.111

Tritanomaly
18, 8.717, 188.482

Monochromacy



Original Color
18, 12.912, 160.976

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 5.102, 165.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 12.912, 160.976 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, 49, 38)` looks like.

```
.text, #text, p{  
    color:rgb(26, 49, 38)  
}
```

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, 49, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 49, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 12.912, 160.976 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, 49, 38) }
```

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

```
.border{ border-color:rgb(26, 49, 38) }
```

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

Here you see how a box with a 4 pixel rgb(26, 49, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 49, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 49, 38);  
box-shadow:4px 4px 4px 4px rgb(26, 49, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 12.912, 160.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 49, 38) }
```

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

```
.background{ background-color: rgb(26, 49,  
38) }
```

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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