

Converting Colors

CIELCh(18, 18.250, 161.623)

Have a look what the booklet for
CIELCh(18, 18.250, 161.623)
contains.

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Color

CIELCh(18, 18.257, 161.477)

Conversions

Conversions Part 1

Format	Color
Hex	0E3223
RGB	14, 50, 35
RGB Percent	5%, 20%, 14%
CMY	0.9441, 0.8031, 0.8619
CMYK	0.72, 0.00, 0.30, 0.80
HSL	155°, 56%, 13%
HSV	155°, 72%, 20%
XYZ	1.6414, 2.5180, 2.0058
YIQ	37.5260, -16.6410, -12.2970

Conversions

Conversions Part 2

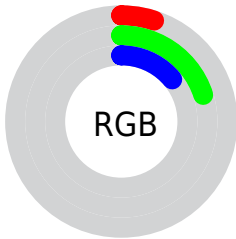
Format	Color
R_{YB}	14, 37, 50
Decimal	930339
CIE _{Lab}	18.00, -17.31, 5.80
CIE _{LCh}	18, 18.257, 161.477
Yxy	2.5180, 0.2662, 0.4084
Android (android.graphics.Color)	4279120419 (0xFF0E3223)
YUV	37.5260, -1.2453, -20.6323
Hunter-Lab	15.8683, -9.3054, 3.6135

Details

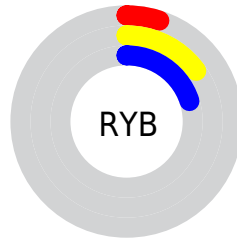
The CIELCh color **18, 18.257, 161.477** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10, 20.089, 356.260**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 18.753, 160.945**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 20.262, 160.092**, and if you desaturate by 10%, it is **18, 16.062, 162.734**.

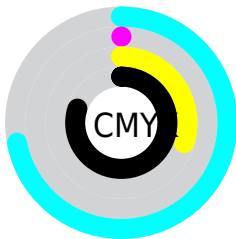
Distribution



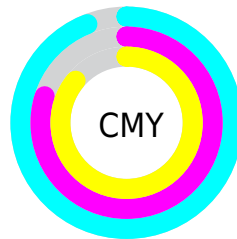
- Red (5%)
- Green (20%)
- Blue (14%)



- Red (5%)
- Yellow (15%)
- Blue (20%)



- Cyan (72%)
- Magenta (0%)
- Yellow (30%)
- Black (80%)



- Cyan (94%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 18.257, 161.477 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, 18.257, 161.477 by changing the saturation by 10% instead.

■ 18, 18.257,
161.477

■ 18, 18.257,
161.477

■ 100, 18.257,
161.477

■ 8, 18.257, 161.477

■ 38, 18.257,
161.477

■ 0, 18.257, 161.477

■ 48, 18.257,
161.477

■ 58, 18.257,
161.477


■ 68, 18.257,
161.477


■ 78, 18.257,
161.477


■ 88, 18.257,


161.477


 98, 18.257,
161.477


 18, 18.257,
161.477


 18, 18.257,
161.477


 18, 20.262,
160.092

 18, 16.062,
162.734

 18, 22.233,
158.861

 19, 13.698,
163.873

 17, 23.930,
158.039

 19, 11.198,
164.909

 19, 8.592, 165.856

 20, 5.914, 166.730

 20, 3.190, 167.552

■ 21, 0.447, 168.614

■ 21, 2.295, 348.862

■ 22, 5.019, 349.551

Harmonies

Complementary

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



18, 18.257, 161.477



10, 20.089, 356.260

Rectangle

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



18, 18.257, 161.477



18, 18.257, 211.477



18, 18.257, 341.477



18, 18.257, 31.477

Sweetspot

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



18, 18.257, 161.476



27, 7.245, 166.685



18, 25.387, 128.835



12, 4.796, 166.659



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, 18.257, 161.476



24, 26.195, 158.688



18, 12.259, 204.944



9, 1.534, 167.831



33, 36.571, 155.538



77, 72.350, 153.442

Inverse Universe

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



10, 20.089, 356.260



12, 28.716, 0.426



10, 19.088, 28.339



8, 1.556, 348.896



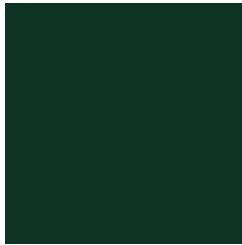
17, 39.251, 6.010



46, 74.885, 10.581

Previews

White Background



This preview shows how the CIELCh color 18, 18.257, 161.477 looks on a white background.

Color Contrast Check

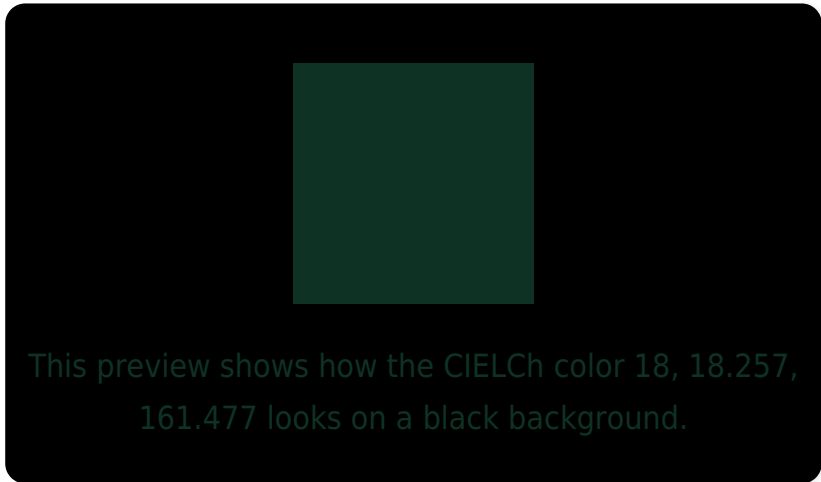
Large Text (above 18pt) WCAG AA ✓ Pass

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

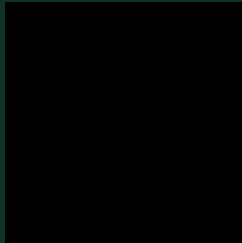
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 18.257, 161.477

Background



This preview shows how black text looks on a background with the CIELCh color 18, 18.257, 161.477.



This preview shows how white text looks on a background with the CIELCh color 18, 18.257, 161.477.

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

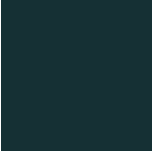
18, 18.257, 161.477

Protanopia

18, 8.367, 97.355

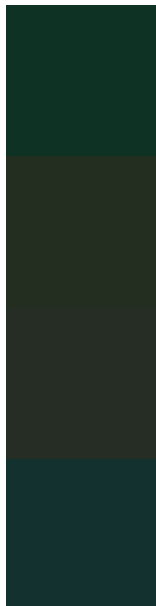
Deuteranopia

18, 5.755, 56.654



Tritanopia
18, 10.582, 212.774

Trichromacy



Original Color
18, 18.257, 161.477

Protanomaly
18, 10.468, 138.945

Deuteranomaly
18, 7.108, 137.382

Tritanomaly
18, 12.183, 187.122

Monochromacy



Original Color
18, 18.257, 161.477

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 7.063, 168.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 18.257, 161.477 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(14, 50, 35)` looks like.

```
.text, #text, p{  
    color:rgb(14, 50, 35)  
}
```

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(14, 50, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 50, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 18.257, 161.477 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(14, 50, 35) }
```

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

```
.border{ border-color:rgb(14, 50, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 50, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 50, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 50, 35);  
box-shadow:4px 4px 4px 4px rgb(14, 50, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 18.257, 161.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 50, 35) }
```

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

```
.background{ background-color: rgb(14, 50,  
35) }
```

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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