

Converting Colors

CIELCh(17, 17.937, 142.693)

Have a look what the booklet for
CIELCh(17, 17.937, 142.693)
contains.

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Color

CIELCh(17, 17.888, 142.757)

Conversions

Conversions Part 1

Format	Color
Hex	192F1A
RGB	25, 47, 26
RGB Percent	10%, 18%, 10%
CMY	0.9024, 0.8162, 0.8985
CMYK	0.47, 0.00, 0.45, 0.82
HSL	123°, 31%, 14%
HSV	123°, 47%, 18%
XYZ	1.5947, 2.3023, 1.3309
YIQ	38.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

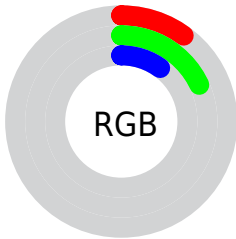
Format	Color
RYB	25, 46, 47
Decimal	1650458
CIELab	17.00, -14.24, 10.83
CIELCh	17, 17.888, 142.757
Yxy	2.3023, 0.3050, 0.4404
Android (android.graphics.Color)	4279840538 (0xFF192F1A)
YUV	38.0280, -5.9298, -11.4256
Hunter-Lab	15.1734, -7.7939, 5.4209

Details

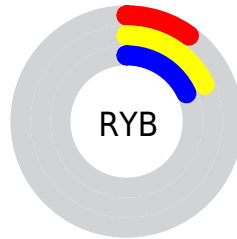
The CIELCh color **17, 17.888, 142.757** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 17.860, 327.821**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 18.092, 142.858**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 21.497, 141.891**, and if you desaturate by 10%, it is **17, 14.144, 143.536**.

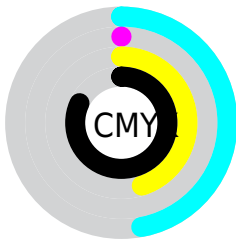
Distribution



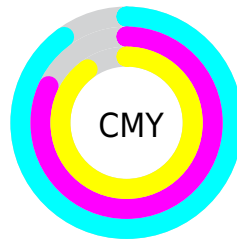
- Red (10%)
- Green (18%)
- Blue (10%)



- Red (10%)
- Yellow (18%)
- Blue (18%)



- Cyan (47%)
- Magenta (0%)
- Yellow (45%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 17.888, 142.757 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 17, 17.888, 142.757 by changing the saturation by 10% instead.

■ 17, 17.888,
142.757

■ 17, 17.888,
142.757

■ 100, 17.888,
142.757

■ 7, 17.888, 142.757

■ 37, 17.888,
142.757

■ 0, 17.888, 142.757

■ 47, 17.888,
142.757


■ 57, 17.888,
142.757


■ 67, 17.888,
142.757


■ 77, 17.888,
142.757


■ 87, 17.888,


142.757


 97, 17.888,
142.757


 17, 17.888,
142.757


 17, 17.888,
142.757

 17, 21.497,
141.891


 17, 14.144,
143.536

 16, 24.874,
141.018

 18, 10.322,
144.229


 16, 27.770,
140.553

 18, 6.473, 144.842

 16, 30.240,
140.473

 19, 2.633, 145.396

 20, 1.165, 325.740

 16, 32.741,
140.613

 20, 4.901, 326.211

■ 16, 33.531,
140.683

■ 21, 8.559, 326.575

■ 22, 12.128,
326.891

■ 22, 15.602,
327.167

Harmonies

Complementary

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



17, 17.888, 142.757



13, 17.860, 327.821

Rectangle

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



17, 17.888, 142.757



17, 17.888, 192.757



17, 17.888, 322.757



17, 17.888, 12.757

Sweetspot

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



17, 17.888, 142.757



25, 6.694, 144.963



19, 14.753, 107.988



11, 4.513, 144.944



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



17, 17.888, 142.757



23, 26.391, 141.684



17, 12.324, 161.652



7, 1.915, 145.664



31, 53.432, 136.893



75, 104.227, 136.324

Inverse Universe

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



13, 17.860, 327.821



16, 26.246, 328.339



12, 13.018, 349.443



7, 1.914, 325.711



19, 50.944, 329.990



50, 97.717, 330.157

Previews

White Background



This preview shows how the CIELCh color 17, 17.888, 142.757 looks on a white background.

Color Contrast Check

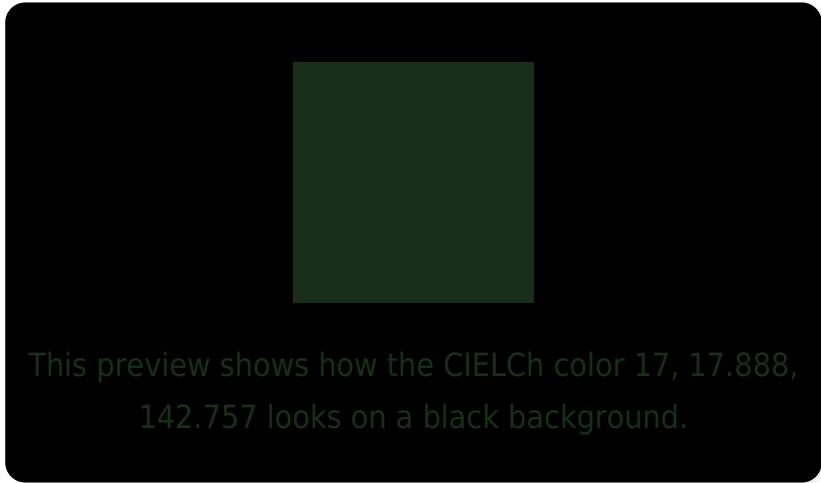
Large Text (above 18pt) WCAG AA ✓ Pass

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

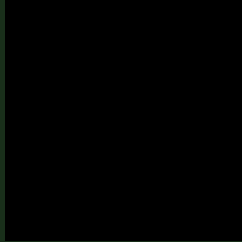
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 17.888, 142.757

Background



This preview shows how black text looks on a background with the CIELCh color 17, 17.888, 142.757.



This preview shows how white text looks on a background with the CIELCh color 17, 17.888, 142.757.

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

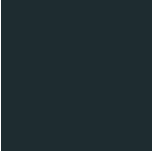
17, 17.888, 142.757

Protanopia

17, 12.522, 96.942

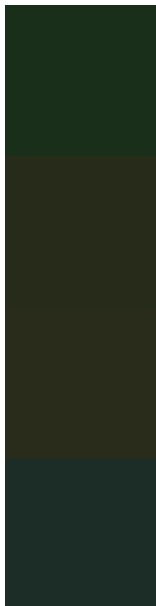
Deuteranopia

17, 9.972, 75.418



Tritanopia
17, 6.481, 223.927

Trichromacy



Original Color
17, 17.888, 142.757

Protanomaly
17, 13.318, 120.418

Deuteranomaly
17, 11.008, 112.749

Tritanomaly
17, 8.490, 173.336

Monochromacy



Original Color
17, 17.888, 142.757

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 6.305, 147.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 17.888, 142.757 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(25, 47, 26)` looks like.

```
.text, #text, p{  
    color:rgb(25, 47, 26)  
}
```

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(25, 47, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 47, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 17.888, 142.757 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(25, 47, 26) }
```

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

```
.border{ border-color:rgb(25, 47, 26) }
```

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

Here you see how a box with a 4 pixel rgb(25, 47, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 47, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 47, 26);  
box-shadow:4px 4px 4px 4px rgb(25, 47, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 17.888, 142.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 47, 26) }
```

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

```
.background{ background-color: rgb(25, 47,  
26) }
```

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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