

Converting Colors

CIELCh(17, 15.329, 156.978)

Have a look what the booklet for
CIELCh(17, 15.329, 156.978)
contains.

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Color

CIELCh(17, 15.297, 157.078)

Conversions

Conversions Part 1

Format	Color
Hex	152F21
RGB	21, 47, 33
RGB Percent	8%, 18%, 13%
CMY	0.9176, 0.8157, 0.8706
CMYK	0.55, 0.00, 0.30, 0.82
HSL	148°, 38%, 13%
HSV	148°, 55%, 18%
XYZ	1.6003, 2.3023, 1.7989
YIQ	37.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

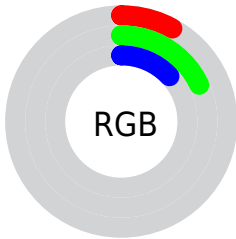
Format	Color
R_YB	21, 39, 47
Decimal	1388321
CIE Lab	17.00, -14.09, 5.96
CIE LCh	17, 15.297, 157.078
Yxy	2.3023, 0.2807, 0.4038
Android (android.graphics.Color)	4279578401 (0xFF152F21)
YUV	37.6300, -2.2826, -14.5845
Hunter-Lab	15.1734, -7.7273, 3.5921

Details

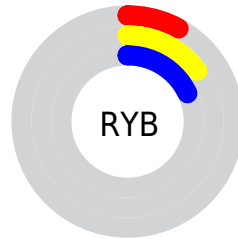
The CIELCh color **17, 15.297, 157.078** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11, 15.931, 346.091**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 15.095, 156.682**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 17.799, 155.939**, and if you desaturate by 10%, it is **17, 12.668, 158.102**.

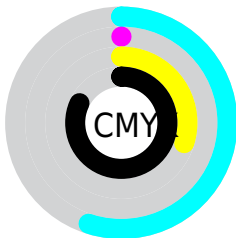
Distribution



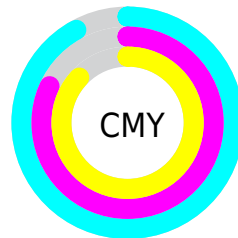
- Red (8%)
- Green (18%)
- Blue (13%)



- Red (8%)
- Yellow (15%)
- Blue (18%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (82%)



- Cyan (92%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 15.297, 157.078 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, 15.297, 157.078 by changing the saturation by 10% instead.

■ 17, 15.297,
157.078

■ 17, 15.297,
157.078

■ 100, 15.297,
157.078

■ 7, 15.297, 157.078

■ 37, 15.297,
157.078

■ 0, 15.297, 157.078

■ 47, 15.297,
157.078


■ 57, 15.297,
157.078


■ 67, 15.297,
157.078


■ 77, 15.297,
157.078


■ 87, 15.297,


157.078


 97, 15.297,
157.078

 17, 15.297,
157.078


 17, 15.297,
157.078

 17, 17.799,
155.939

 17, 12.668,
158.102


 16, 20.139,
154.674

 18, 9.943, 159.026


 16, 22.347,
153.381

 18, 7.155, 159.864

 19, 4.332, 160.633

 16, 24.591,
152.387

 19, 1.500, 161.386

 16, 25.658,
152.017

 20, 1.320, 341.816

■ 20, 4.111, 342.475

■ 21, 6.861, 343.032

■ 22, 9.560, 343.544

Harmonies

Complementary

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



17, 15.297, 157.078



11, 15.931, 346.091

Rectangle

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



17, 15.297, 157.078



17, 15.297, 207.078



17, 15.297, 337.078



17, 15.297, 27.078

Sweetspot

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



17, 15.297, 157.077



25, 6.003, 160.436



18, 18.407, 125.127



11, 3.920, 160.447



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, 15.297, 157.077



23, 22.283, 155.399



17, 10.622, 192.342



7, 1.431, 161.134



32, 40.523, 149.211



76, 81.557, 147.053

Inverse Universe

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



11, 15.931, 346.091



14, 23.209, 347.778



11, 14.272, 20.547



7, 1.412, 342.147



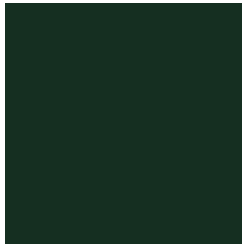
17, 39.381, 355.300



46, 74.835, 358.813

Previews

White Background



This preview shows how the CIELCh color 17, 15.297, 157.078 looks on a white background.

Color Contrast Check

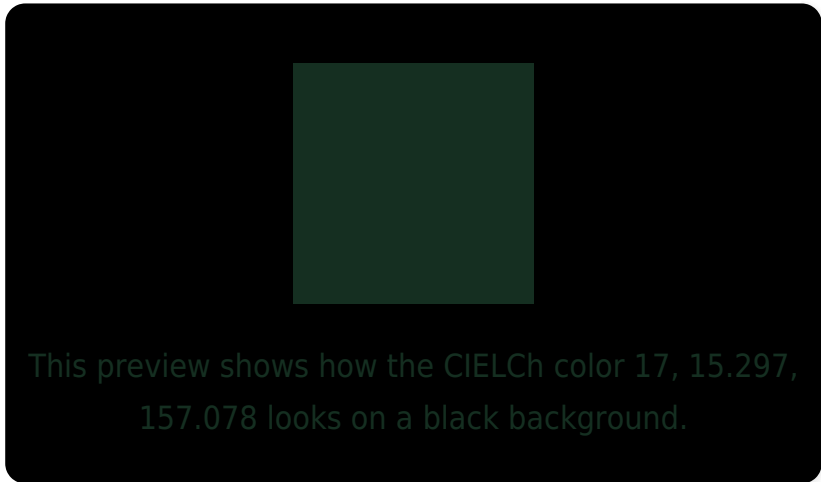
Large Text (above 18pt) WCAG AA ✓ Pass

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

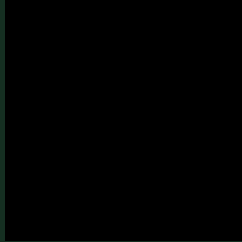
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 15.297, 157.078

Background



This preview shows how black text looks on a background with the CIELCh color 17, 15.297, 157.078.



This preview shows how white text looks on a background with the CIELCh color 17, 15.297, 157.078.

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, 15.297, 157.078

Protanopia
17, 7.751, 96.557

Deuteranopia
17, 6.277, 61.321



Tritanopia
17, 8.155, 218.049

Trichromacy



Original Color
17, 15.297, 157.078

Protanomaly
17, 9.209, 133.678

Deuteranomaly
17, 6.544, 126.312

Tritanomaly
17, 9.672, 184.862

Monochromacy



Original Color
17, 15.297, 157.078

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 5.599, 159.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 15.297, 157.078 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(21, 47, 33)` looks like.

```
.text, #text, p{  
    color:rgb(21, 47, 33)  
}
```

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(21, 47, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 47, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 15.297, 157.078 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(21, 47, 33) }
```

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

```
.border{ border-color:rgb(21, 47, 33) }
```

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

Here you see how a box with a 4 pixel rgb(21, 47, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 47, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 47, 33);  
box-shadow:4px 4px 4px 4px rgb(21, 47, 33)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 15.297, 157.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 47, 33) }
```

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

```
.background{ background-color: rgb(21, 47,  
33) }
```

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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