

Converting Colors

CIELCh(17, 11.497, 258.185)

Have a look what the booklet for
CIELCh(17, 11.497, 258.185)
contains.

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Color

CIELCh(17, 11.542, 256.733)

Conversions

Conversions Part 1

Format	Color
Hex	1A2C3A
RGB	26, 44, 58
RGB Percent	10%, 17%, 23%
CMY	0.8990, 0.8284, 0.7736
CMYK	0.55, 0.24, 0.00, 0.77
HSL	206°, 38%, 16%
HSV	206°, 55%, 23%
XYZ	2.0683, 2.3023, 4.3042
YIQ	40.2140, -15.2220, 0.5380

Conversions

Conversions Part 2

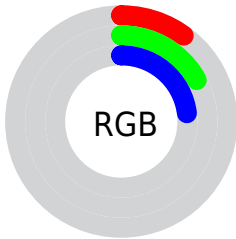
Format	Color
RYB	26, 38, 58
Decimal	1715258
CIELab	17.00, -2.65, -11.23
CIELCh	17, 11.542, 256.733
Yxy	2.3023, 0.2384, 0.2654
Android (android.graphics.Color)	4279905338 (0xFF1A2C3A)
YUV	40.2140, 8.7685, -12.4657
Hunter-Lab	15.1734, -2.2219, -6.1973

Details

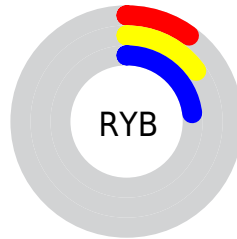
The CIELCh color **17, 11.542, 256.733** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18, 14.041, 63.085**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 11.545, 258.337**, and **1, 5.946, 287.505** is the 20% darker color. If you saturate the color by 10%, you get **16, 13.410, 259.203**, and if you desaturate by 10%, it is **18, 9.598, 254.621**.

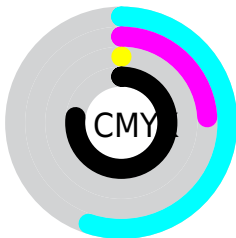
Distribution



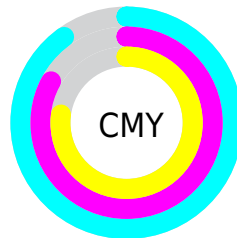
- Red (10%)
- Green (17%)
- Blue (23%)



- Red (10%)
- Yellow (15%)
- Blue (23%)



- Cyan (55%)
- Magenta (24%)
- Yellow (0%)
- Black (77%)



- Cyan (90%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 11.542, 256.733 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, 11.542, 256.733 by changing the saturation by 10% instead.

■ 17, 11.542,
256.733

■ 17, 11.542,
256.733

■ 100, 11.542,
256.733

■ 7, 11.542, 256.733

■ 37, 11.542,
256.733

■ 0, 11.542, 256.733

■ 47, 11.542,
256.733


■ 57, 11.542,
256.733


■ 67, 11.542,
256.733


■ 77, 11.542,
256.733


■ 87, 11.542,

256.733


 97, 11.542,
256.733

 17, 11.542,
256.733


 17, 11.542,
256.733

 16, 13.410,
259.203


 18, 9.598, 254.621

 15, 15.205,
262.069


 20, 7.584, 252.826

 13, 16.946,
265.306

 21, 5.505, 251.303

 12, 18.749,
268.149

 22, 3.373, 250.019

 12, 19.609,
269.256

 24, 1.196, 248.998

 25, 1.015, 67.726

 26, 3.252, 67.020

■ 28, 5.506, 66.328

■ 29, 7.770, 65.715

Harmonies

Complementary

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



17, 11.542, 256.733



18, 14.041, 63.085

Rectangle

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



17, 11.542, 256.733



17, 11.542, 306.733



17, 11.542, 76.733



17, 11.542, 126.733

Sweetspot

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



17, 11.542, 256.732



29, 4.564, 250.300



21, 18.597, 155.460



13, 3.081, 250.352



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



17, 11.542, 256.732



21, 16.539, 260.171



12, 21.672, 294.467



10, 1.191, 249.251



21, 28.388, 273.437



51, 57.285, 277.767

Inverse Universe

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



14, 19.195, 344.973



18, 27.385, 346.594



23, 19.354, 102.485



9, 1.863, 340.910



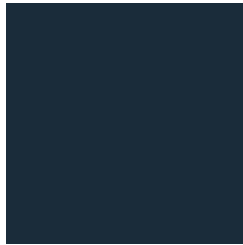
18, 41.286, 353.589



48, 76.718, 356.614

Previews

White Background



This preview shows how the CIELCh color 17, 11.542, 256.733 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



This preview shows how the CIELCh color 17, 11.542, 256.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

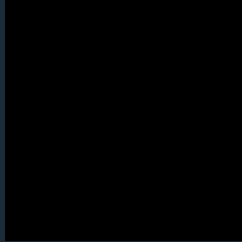
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

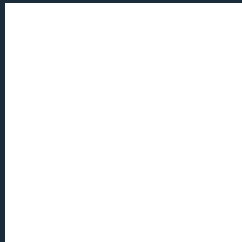
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 11.542, 256.733

Background



This preview shows how black text looks on a background with the CIELCh color 17, 11.542, 256.733.



This preview shows how white text looks on a background with the CIELCh color 17, 11.542, 256.733.

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

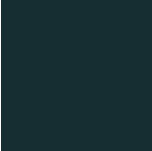
17, 11.542, 256.733

Protanopia

17, 10.487, 286.036

Deuteranopia

17, 11.945, 283.515



Tritanopia
17, 9.405, 215.065

Trichromacy



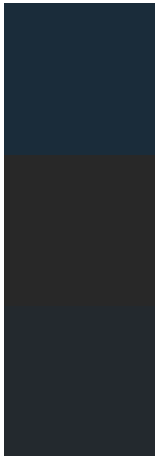
Original Color
17, 11.542, 256.733

Protanomaly
17, 10.798, 275.533

Deuteranomaly
17, 11.646, 273.346

Tritanomaly
17, 9.621, 228.610

Monochromacy



Original Color
17, 11.542, 256.733

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 4.342, 253.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 11.542, 256.733 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, 44, 58)` looks like.

```
.text, #text, p{  
    color:rgb(26, 44, 58)  
}
```

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, 44, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 44, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 11.542, 256.733 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, 44, 58) }
```

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

```
.border{ border-color:rgb(26, 44, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 44, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 44, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 44, 58);  
box-shadow:4px 4px 4px 4px rgb(26, 44, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 11.542, 256.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 44, 58) }
```

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

```
.background{ background-color: rgb(26, 44,  
58) }
```

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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