

Converting Colors

CIELCh(17, 11.246, 243.368)

Have a look what the booklet for
CIELCh(17, 11.246, 243.368)
contains.

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Color

CIELCh(17, 11.119, 242.005)

Conversions

Conversions Part 1

Format	Color
Hex	162D38
RGB	22, 45, 56
RGB Percent	9%, 18%, 22%
CMY	0.9150, 0.8247, 0.7817
CMYK	0.61, 0.20, 0.00, 0.78
HSL	199°, 44%, 15%
HSV	199°, 61%, 22%
XYZ	1.9561, 2.3023, 4.0414
YIQ	39.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

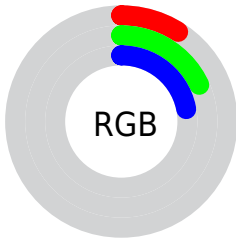
Format	Color
R_{YB}	22, 36, 56
Decimal	1453368
CIE _{Lab}	17.00, -5.22, -9.82
CIE _{LCh}	17, 11.119, 242.005
Yxy	2.3023, 0.2357, 0.2774
Android (android.graphics.Color)	4279643448 (0xFF162D38)
YUV	39.3770, 8.1951, -15.2396
Hunter-Lab	15.1734, -3.5415, -5.1703

Details

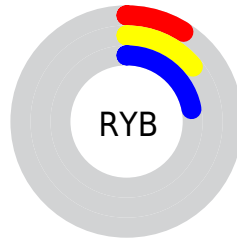
The CIELCh color **17, 11.119, 242.005** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15, 15.412, 51.241**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 11.096, 240.739**, and **0, 4.885, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **16, 12.507, 244.300**, and if you desaturate by 10%, it is **18, 9.587, 240.095**.

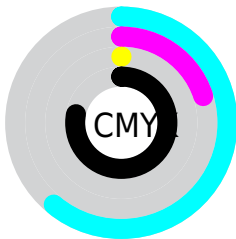
Distribution



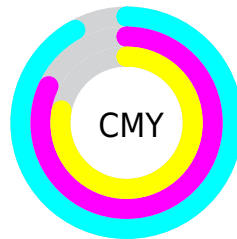
- Red (9%)
- Green (18%)
- Blue (22%)



- Red (9%)
- Yellow (14%)
- Blue (22%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (78%)



- Cyan (92%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 11.119, 242.005 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, 11.119, 242.005 by changing the saturation by 10% instead.

■ 17, 11.119,
242.005

■ 17, 11.119,
242.005

■ 100, 11.119,
242.005

■ 7, 11.119, 242.005

■ 37, 11.119,
242.005

■ 0, 11.119, 242.005

■ 47, 11.119,
242.005


■ 57, 11.119,
242.005


■ 67, 11.119,
242.005


■ 77, 11.119,
242.005


■ 87, 11.119,

242.005


 97, 11.119,
242.005

 17, 11.119,
242.005

 17, 11.119,
242.005


 16, 12.507,
244.300

 18, 9.587, 240.095


 15, 13.751,
247.035

 19, 7.921, 238.517

 20, 6.136, 237.220

 14, 14.945,
249.811

 21, 4.248, 236.159

 14, 16.079,
251.841

 22, 2.272, 235.315

 23, 0.226, 235.386

 24, 1.878, 53.785

■ 26, 4.026, 53.342

■ 27, 6.208, 52.944

Harmonies

Complementary

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



17, 11.119, 242.005



15, 15.412, 51.241

Rectangle

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



17, 11.119, 242.005



17, 11.119, 292.005



17, 11.119, 62.005



17, 11.119, 112.005

Sweetspot

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



17, 11.119, 242.004



28, 4.485, 235.951



20, 21.712, 149.920



12, 3.049, 236.037



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



17, 11.119, 242.004



21, 15.515, 245.694



11, 20.272, 290.140



10, 1.149, 235.129



24, 23.272, 256.409



58, 45.698, 260.938

Inverse Universe

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



13, 21.814, 339.493



16, 30.754, 340.946



21, 18.623, 95.281



9, 2.020, 335.682



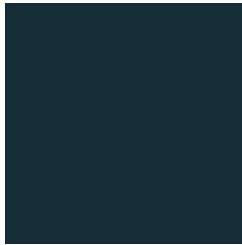
18, 43.717, 345.001



49, 81.027, 346.904

Previews

White Background



This preview shows how the CIELCh color 17, 11.119, 242.005 looks on a white background.

Color Contrast Check

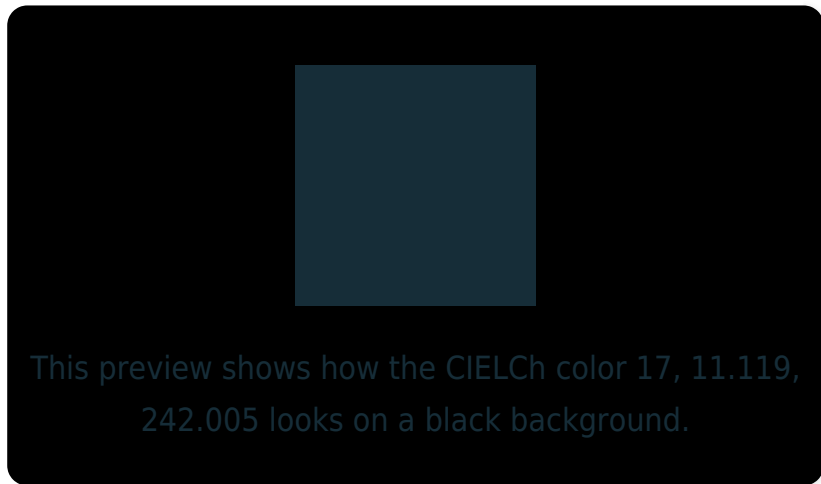
Large Text (above 18pt) WCAG AA ✓ Pass

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

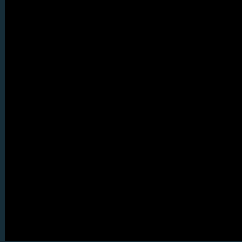
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

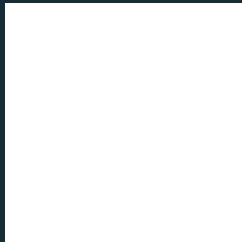
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 11.119, 242.005

Background



This preview shows how black text looks on a background with the CIELCh color 17, 11.119, 242.005.



This preview shows how white text looks on a background with the CIELCh color 17, 11.119, 242.005.

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, 11.119, 242.005

Protanopia

17, 8.386, 286.463

Deuteranopia

17, 10.487, 286.036



Tritanopia
17, 10.527, 208.941

Trichromacy



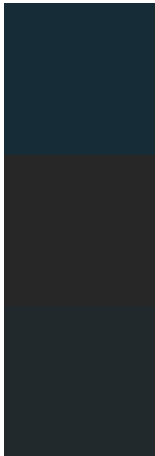
Original Color
17, 11.119, 242.005

Protanomaly
17, 9.005, 268.123

Deuteranomaly
17, 10.382, 270.034

Tritanomaly
17, 10.360, 217.353

Monochromacy



Original Color
17, 11.119, 242.005

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 4.461, 237.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 11.119, 242.005 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(22, 45, 56)` looks like.

```
.text, #text, p{  
    color:rgb(22, 45, 56)  
}
```

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(22, 45, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 45, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 11.119, 242.005 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(22, 45, 56) }
```

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

```
.border{ border-color:rgb(22, 45, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 45, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 45, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 45, 56);  
box-shadow:4px 4px 4px 4px rgb(22, 45, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 11.119, 242.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 45, 56) }
```

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

```
.background{ background-color: rgb(22, 45,  
56) }
```

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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