

Converting Colors

CIELCh(17, 11.448, 197.114)

Have a look what the booklet for
CIELCh(17, 11.448, 197.114)
contains.

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Color

CIELCh(17, 11.288, 197.121)

Conversions

Conversions Part 1

Format	Color
Hex	112E2E
RGB	17, 46, 46
RGB Percent	7%, 18%, 18%
CMY	0.9319, 0.8183, 0.8183
CMYK	0.63, 0.00, 0.00, 0.82
HSL	180°, 45%, 12%
HSV	180°, 63%, 18%
XYZ	1.7272, 2.3023, 2.9722
YIQ	37.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

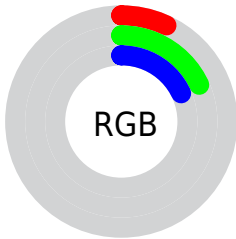
Format	Color
R_{YB}	17, 32, 46
Decimal	1125934
CIE Lab	17.00, -10.79, -3.32
CIE LCh	17, 11.288, 197.121
Yxy	2.3023, 0.2467, 0.3288
Android (android.graphics.Color)	4279316014 (0xFF112E2E)
YUV	37.3290, 4.2748, -17.8285
Hunter-Lab	15.1734, -6.2346, -0.9926

Details

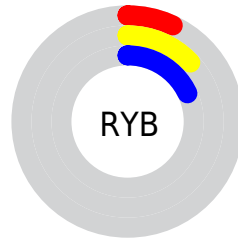
The CIELCh color **17, 11.288, 197.121** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9, 16.210, 23.717**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 11.198, 197.963**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 12.466, 196.889**, and if you desaturate by 10%, it is **17, 9.902, 197.393**.

Distribution



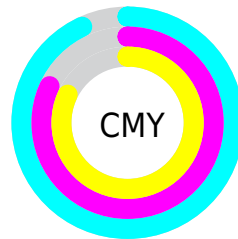
- Red (7%)
- Green (18%)
- Blue (18%)



- Red (7%)
- Yellow (13%)
- Blue (18%)



- Cyan (63%)
- Magenta (0%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 11.288, 197.121 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, 11.288, 197.121 by changing the saturation by 10% instead.

■ 17, 11.288,
197.121

■ 17, 11.288,
197.121

■ 100, 11.288,
197.121

■ 7, 11.288, 197.121

■ 37, 11.288,
197.121

■ 0, 11.288, 197.121

■ 47, 11.288,
197.121


■ 57, 11.288,
197.121


■ 67, 11.288,
197.121


■ 77, 11.288,
197.121


■ 87, 11.288,

197.121


 97, 11.288,
197.121

 17, 11.288,
197.121

 17, 11.288,
197.121


 17, 12.466,
196.889

 17, 9.902, 197.393


 17, 13.447,
196.699

 17, 8.325, 197.710

 18, 6.578, 198.067

 17, 14.416,
196.513

 18, 4.685, 198.465

 16, 15.162,
196.372

 19, 2.668, 198.913

 19, 0.551, 199.644

 19, 1.645, 19.622

■ 20, 3.901, 20.174

■ 20, 6.198, 20.688

Harmonies

Complementary

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



17, 11.288, 197.121



9, 16.210, 23.717

Rectangle

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



17, 11.288, 197.121



17, 11.288, 247.121



17, 11.288, 17.121



17, 11.288, 67.121

Sweetspot

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



17, 11.288, 197.119



25, 5.021, 198.567



16, 23.777, 139.954



11, 3.370, 198.549



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, 11.288, 197.119



23, 15.690, 196.755



12, 11.342, 263.360



7, 1.112, 199.514



33, 22.839, 196.370



78, 43.940, 196.368

Inverse Universe

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



9, 16.210, 23.717



12, 25.293, 27.404



13, 13.187, 66.982



7, 1.112, 19.294



16, 43.795, 33.533



45, 91.677, 39.996

Previews

White Background



This preview shows how the CIELCh color 17, 11.288, 197.121 looks on a white background.

Color Contrast Check

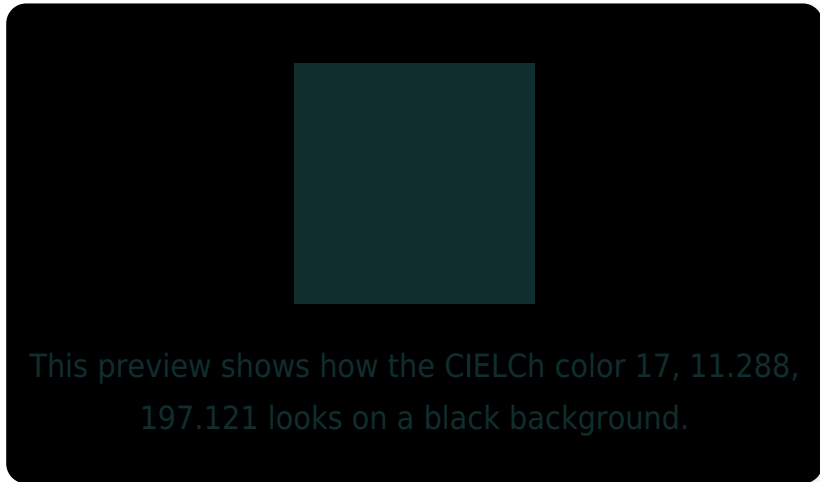
Large Text (above 18pt) WCAG AA ✓ Pass

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

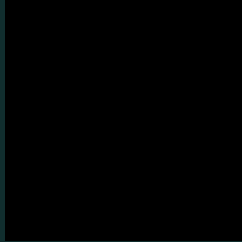
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 11.288, 197.121

Background



This preview shows how black text looks on a background with the CIELCh color 17, 11.288, 197.121.



This preview shows how white text looks on a background with the CIELCh color 17, 11.288, 197.121.

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](#).

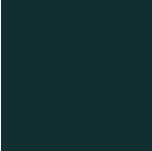
Dichromacy



Original Color
17, 11.288, 197.121

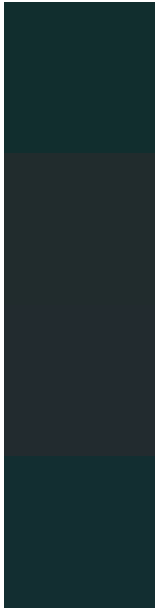
Protanopia
17, 1.392, 290.554

Deuteranopia
17, 4.977, 302.007



Tritanopia
17, 10.553, 212.885

Trichromacy



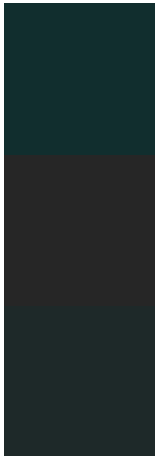
Original Color
17, 11.288, 197.121

Protanomaly
17, 4.932, 206.574

Deuteranomaly
17, 4.770, 234.655

Tritanomaly
17, 10.800, 208.595

Monochromacy



Original Color
17, 11.288, 197.121

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 4.981, 198.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 11.288, 197.121 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(17, 46, 46)` looks like.

```
.text, #text, p{  
    color:rgb(17, 46, 46)  
}
```

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(17, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 46, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 11.288, 197.121 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(17, 46, 46) }
```

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

```
.border{ border-color:rgb(17, 46, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 46, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(17, 46, 46)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 11.288, 197.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 46, 46) }
```

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

```
.background{ background-color: rgb(17, 46,  
46) }
```

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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