

Converting Colors

CIELCh(17, 11.307, 209.200)

Have a look what the booklet for
CIELCh(17, 11.307, 209.200)
contains.

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Color

CIELCh(17, 11.320, 207.978)

Conversions

Conversions Part 1

Format	Color
Hex	102E31
RGB	16, 46, 49
RGB Percent	6%, 18%, 19%
CMY	0.9365, 0.8189, 0.8072
CMYK	0.67, 0.06, 0.00, 0.81
HSL	185°, 50%, 13%
HSV	185°, 67%, 19%
XYZ	1.7586, 2.3023, 3.2764
YIQ	37.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

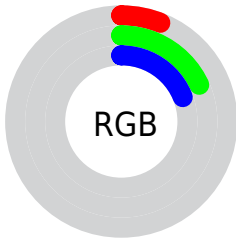
Format	Color
R_{YB}	16, 32, 49
Decimal	1060401
CIE _{Lab}	17.00, -10.00, -5.31
CIE _{LCh}	17, 11.320, 207.978
Yxy	2.3023, 0.2397, 0.3138
Android (android.graphics.Color)	4279250481 (0xFF102E31)
YUV	37.3720, 5.7326, -18.7432
Hunter-Lab	15.1734, -5.8657, -2.1809

Details

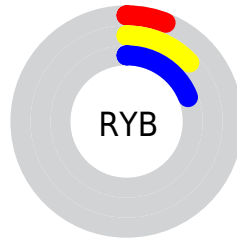
The CIELCh color **17, 11.320, 207.978** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10, 17.209, 30.185**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 11.450, 207.384**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 12.316, 208.439**, and if you desaturate by 10%, it is **17, 10.106, 207.658**.

Distribution



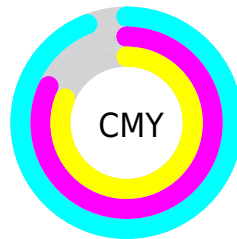
- Red (6%)
- Green (18%)
- Blue (19%)



- Red (6%)
- Yellow (13%)
- Blue (19%)



- Cyan (67%)
- Magenta (6%)
- Yellow (0%)
- Black (81%)



- Cyan (94%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 11.320, 207.978 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, 11.320, 207.978 by changing the saturation by 10% instead.

■ 17, 11.320,
207.978

■ 17, 11.320,
207.978

■ 100, 11.320,
207.978

■ 7, 11.320, 207.978

■ 37, 11.320,
207.978

■ 0, 11.320, 207.978

■ 47, 11.320,
207.978


■ 57, 11.320,
207.978


■ 67, 11.320,
207.978


■ 77, 11.320,
207.978


■ 87, 11.320,

207.978


 97, 11.320,
207.978

 17, 11.320,
207.978


 17, 11.320,
207.978

 17, 12.316,
208.439

 17, 10.106,
207.658


 16, 13.159,
208.982

 18, 8.692, 207.466

 16, 14.037,
209.411

 18, 7.097, 207.383

 19, 5.346, 207.394

 16, 14.303,
209.515

 19, 3.461, 207.492

 20, 1.466, 207.714

■ 21, 0.618, 27.422

■ 21, 2.773, 27.917

■ 22, 4.980, 28.214

Harmonies

Complementary

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



17, 11.320, 207.978



10, 17.209, 30.185

Rectangle

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



17, 11.320, 207.978



17, 11.320, 257.978



17, 11.320, 27.978



17, 11.320, 77.978

Sweetspot

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



17, 11.320, 207.976



26, 4.993, 207.442



17, 25.312, 141.858



12, 3.438, 207.436



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



17, 11.320, 207.976



22, 15.221, 208.873



11, 14.602, 275.003



9, 1.178, 207.673



31, 21.019, 211.140



73, 39.735, 212.581

Inverse Universe

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



11, 24.919, 330.174



14, 34.907, 330.902



15, 15.512, 76.159



8, 2.193, 327.360



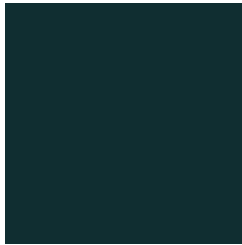
19, 50.278, 331.913



50, 95.111, 332.266

Previews

White Background



This preview shows how the CIELCh color 17, 11.320, 207.978 looks on a white background.

Color Contrast Check

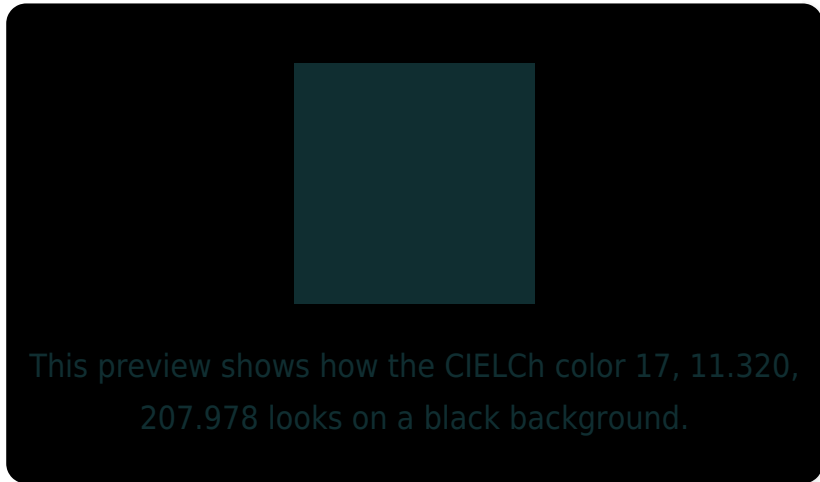
Large Text (above 18pt) WCAG AA ✓ Pass

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

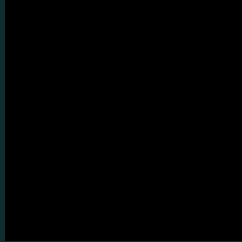
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

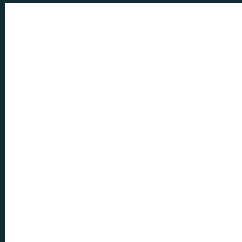
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 11.320, 207.978

Background



This preview shows how black text looks on a background with the CIELCh color 17, 11.320, 207.978.



This preview shows how white text looks on a background with the CIELCh color 17, 11.320, 207.978.

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, 11.320, 207.978

Protanopia

17, 2.812, 281.479

Deuteranopia

17, 6.296, 295.862



Tritanopia
17, 11.076, 212.047

Trichromacy



Original Color
17, 11.320, 207.978

Protanomaly
17, 5.558, 220.608

Deuteranomaly
17, 6.352, 249.256

Tritanomaly
17, 11.076, 212.047

Monochromacy



Original Color
17, 11.320, 207.978

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 4.964, 206.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 11.320, 207.978 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(16, 46, 49)` looks like.

```
.text, #text, p{  
    color:rgb(16, 46, 49)  
}
```

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(16, 46, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 46, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 11.320, 207.978 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(16, 46, 49) }
```

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

```
.border{ border-color:rgb(16, 46, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 46, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 46, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 46, 49);  
box-shadow:4px 4px 4px 4px rgb(16, 46, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 11.320, 207.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 46, 49) }
```

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

```
.background{ background-color: rgb(16, 46,  
49) }
```

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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