

Converting Colors

CIELCh(17, 9.960, 124.104)

Have a look what the booklet for
CIELCh(17, 9.960, 124.104) contains.

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Color

CIELCh(17, 10.094, 125.278)

Conversions

Conversions Part 1

Format	Color
Hex	262C1E
RGB	38, 44, 30
RGB Percent	15%, 17%, 12%
CMY	0.8512, 0.8276, 0.8825
CMYK	0.14, 0.00, 0.32, 0.83
HSL	86°, 19%, 14%
HSV	86°, 32%, 17%
XYZ	1.9301, 2.3023, 1.5678
YIQ	40.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

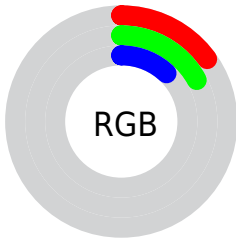
Format	Color
RYB	30, 44, 36
Decimal	2501662
CIELab	17.00, -5.83, 8.24
CIELCh	17, 10.094, 125.278
Yxy	2.3023, 0.3328, 0.3969
Android (android.graphics.Color)	4280691742 (0xFF262C1E)
YUV	40.6100, -5.2307, -2.2890
Hunter-Lab	15.1734, -3.8477, 4.4953

Details

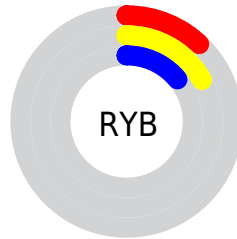
The CIELCh color **17, 10.094, 125.278** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12, 10.521, 307.898**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 9.600, 124.735**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 13.216, 124.873**, and if you desaturate by 10%, it is **17, 6.936, 125.690**.

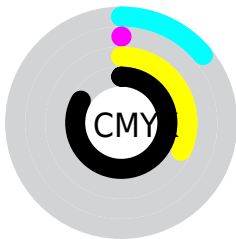
Distribution



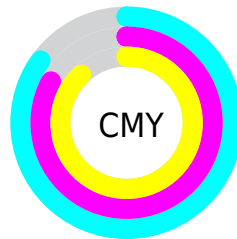
- Red (15%)
- Green (17%)
- Blue (12%)



- Red (12%)
- Yellow (17%)
- Blue (14%)



- Cyan (14%)
- Magenta (0%)
- Yellow (32%)
- Black (83%)



- Cyan (85%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 10.094, 125.278 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, 10.094, 125.278 by changing the saturation by 10% instead.

■ 17, 10.094,
125.278

■ 17, 10.094,
125.278

■ 100, 10.094,
125.278

■ 7, 10.094, 125.278

■ 37, 10.094,
125.278

■ 0, 10.094, 125.278

■ 47, 10.094,
125.278


■ 57, 10.094,
125.278


■ 67, 10.094,
125.278


■ 77, 10.094,
125.278


■ 87, 10.094,

125.278


 97, 10.094,
125.278

 17, 10.094,
125.278


 17, 10.094,
125.278

 17, 13.216,
124.873


 17, 6.936, 125.690

 16, 16.273,
124.484


 18, 3.761, 126.093

 16, 19.171,
124.249

 18, 2.583, 306.820

 16, 21.650,
124.536

 19, 5.731, 307.170

 16, 23.746,
125.143

 19, 8.853, 307.492

 19, 11.945,

■ 16, 25.798,
125.714

307.790

■ 16, 27.482,
126.122

■ 20, 15.003,
308.065

■ 20, 18.023,
308.318

Harmonies

Complementary

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



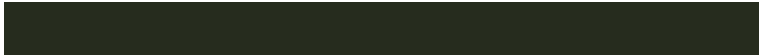
17, 10.094, 125.278



12, 10.521, 307.898

Rectangle

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



17, 10.094, 125.278



17, 10.094, 175.278



17, 10.094, 305.278



17, 10.094, 355.278

Sweetspot

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



17, 10.095, 125.280



23, 3.898, 126.145



15, 5.983, 63.158



10, 2.591, 126.145



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



17, 10.095, 125.280



22, 14.757, 124.943



16, 11.611, 140.644



8, 1.694, 126.944



33, 48.050, 124.221



77, 93.552, 125.646

Inverse Universe

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



12, 10.521, 307.898



16, 15.565, 308.305



13, 11.663, 323.444



7, 1.691, 306.129



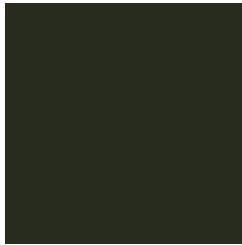
10, 57.220, 311.255



32, 111.200, 310.291

Previews

White Background



This preview shows how the CIELCh color 17, 10.094, 125.278 looks on a white background.

Color Contrast Check

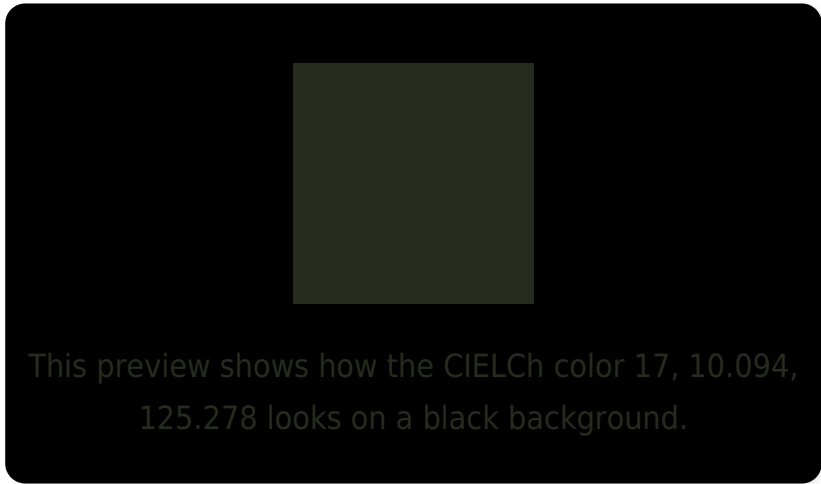
Large Text (above 18pt) WCAG AA ✓ Pass

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

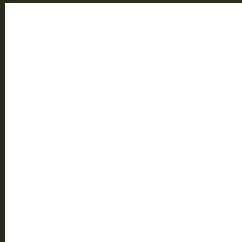
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 10.094, 125.278

Background



This preview shows how black text looks on a background with the CIELCh color 17, 10.094, 125.278.

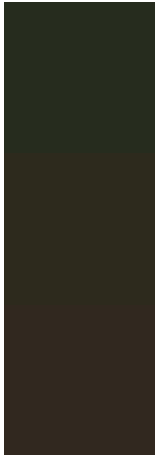


This preview shows how white text looks on a background with the CIELCh color 17, 10.094, 125.278.

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, 10.094, 125.278

Protanopia

17, 9.097, 97.809

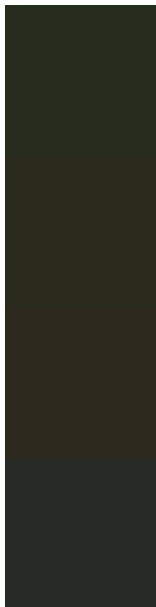
Deuteranopia

17, 7.891, 71.634



Tritanopia
17, 2.267, 266.665

Trichromacy



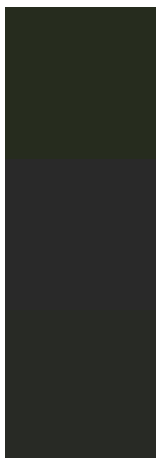
Original Color
17, 10.094, 125.278

Protanomaly
17, 9.623, 110.744

Deuteranomaly
17, 7.240, 91.602

Tritanomaly
17, 2.847, 151.881

Monochromacy



Original Color
17, 10.094, 125.278

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 3.614, 125.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 10.094, 125.278 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(38, 44, 30)` looks like.

```
.text, #text, p{  
    color:rgb(38, 44, 30)  
}
```

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(38, 44, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 44, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 10.094, 125.278 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(38, 44, 30) }
```

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

```
.border{ border-color:rgb(38, 44, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 44, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 44, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 44, 30);  
box-shadow:4px 4px 4px 4px rgb(38, 44, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 10.094, 125.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 44, 30) }
```

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

```
.background{ background-color: rgb(38, 44,  
30) }
```

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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