

Converting Colors

CIELCh(18, 14.194, 126.316)

Have a look what the booklet for
CIELCh(18, 14.194, 126.316)
contains.

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Color

CIELCh(18, 14.286, 125.614)

Conversions

Conversions Part 1

Format	Color
Hex	262F1B
RGB	38, 47, 27
RGB Percent	15%, 18%, 11%
CMY	0.8512, 0.8159, 0.8943
CMYK	0.19, 0.00, 0.43, 0.82
HSL	87°, 27%, 14%
HSV	87°, 43%, 18%
XYZ	2.0084, 2.5180, 1.4137
YIQ	42.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

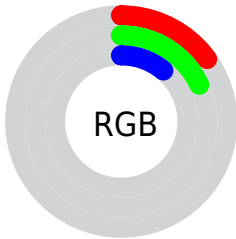
Format	Color
R_{YB}	27, 47, 36
Decimal	2502427
CIE _{Lab}	18.00, -8.32, 11.61
CIE _{LCh}	18, 14.286, 125.614
Yxy	2.5180, 0.3381, 0.4239
Android (android.graphics.Color)	4280692507 (0xFF262F1B)
YUV	42.0290, -7.4093, -3.5334
Hunter-Lab	15.8683, -5.1769, 5.8258

Details

The CIELCh color **18, 14.286, 125.614** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12, 15.103, 309.167**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 14.129, 126.429**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 17.525, 125.229**, and if you desaturate by 10%, it is **18, 10.974, 126.022**.

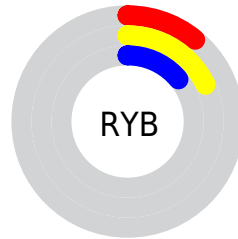
Distribution



Red (15%)

Green (18%)

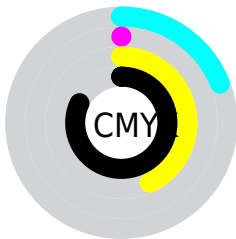
Blue (11%)



Red (11%)

Yellow (18%)

Blue (14%)

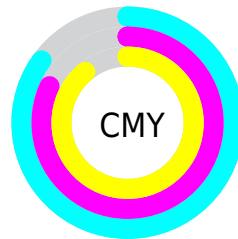


Cyan (19%)

Magenta (0%)

Yellow (43%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 14.286, 125.614 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 18, 14.286, 125.614 by changing the saturation by 10% instead.

■ 18, 14.286,
125.614

■ 18, 14.286,
125.614

■ 100, 14.286,
125.614

■ 8, 14.286, 125.614

■ 38, 14.286,
125.614

■ 0, 14.286, 125.614

■ 48, 14.286,
125.614


■ 58, 14.286,
125.614


■ 68, 14.286,
125.614


■ 78, 14.286,
125.614


■ 88, 14.286,


125.614


 98, 14.286,
125.614

 18, 14.286,
125.614


 18, 14.286,
125.614

 18, 17.525,
125.229

 18, 10.974,
126.022


 17, 20.639,
124.901

 19, 7.620, 126.432


 17, 23.362,
125.018

 19, 4.247, 126.835

 19, 0.872, 127.251

 17, 25.632,
125.538

 20, 2.491, 307.556

 17, 27.827,
126.047

 20, 5.833, 307.904

■ 17, 29.460,
126.372

■ 20, 9.146, 308.221

■ 21, 12.424,
308.514

■ 21, 15.664,
308.783

Harmonies

Complementary

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



18, 14.286, 125.614



12, 15.103, 309.167

Rectangle

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



18, 14.286, 125.614



18, 14.286, 175.614



18, 14.286, 305.614



18, 14.286, 355.614

Sweetspot

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



18, 14.287, 125.616



25, 5.479, 126.790



15, 8.766, 65.811



11, 3.743, 126.769



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



18, 14.287, 125.616



24, 21.218, 125.182



17, 16.549, 140.741



8, 1.701, 127.713



33, 48.368, 125.022



77, 94.226, 126.457

Inverse Universe

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



12, 15.103, 309.167



14, 22.818, 309.731



13, 16.589, 324.867



7, 1.698, 306.895



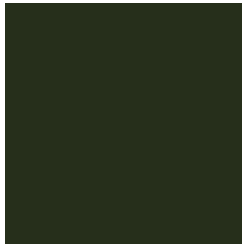
10, 56.977, 311.688



33, 110.699, 310.713

Previews

White Background



This preview shows how the CIELCh color 18, 14.286, 125.614 looks on a white background.

Color Contrast Check

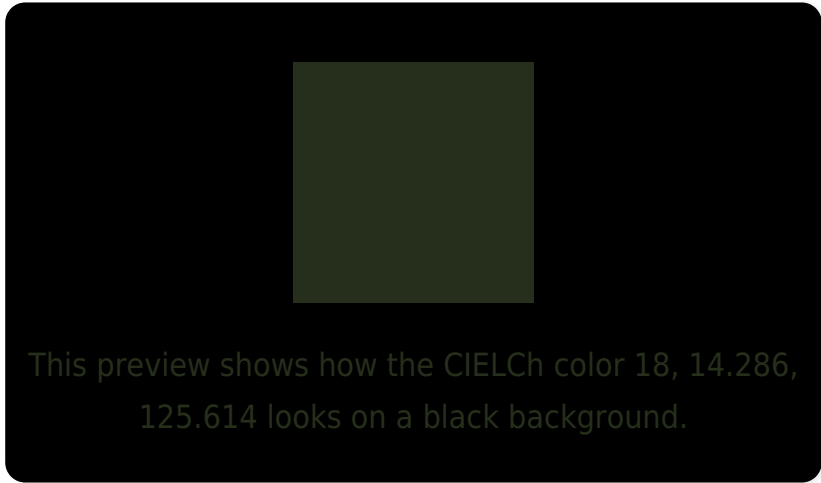
Large Text (above 18pt) WCAG AA ✓ Pass

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

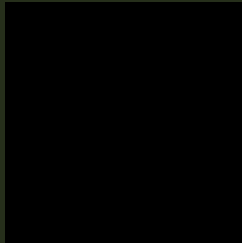
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 14.286, 125.614

Background



This preview shows how black text looks on a background with the CIELCh color 18, 14.286, 125.614.

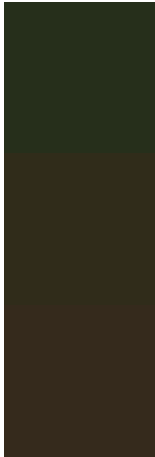


This preview shows how white text looks on a background with the CIELCh color 18, 14.286, 125.614.

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

18, 14.286, 125.614

Protanopia

18, 12.444, 97.093

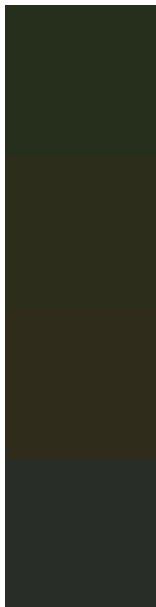
Deuteranopia

18, 11.384, 76.404



Tritanopia
18, 3.055, 264.417

Trichromacy



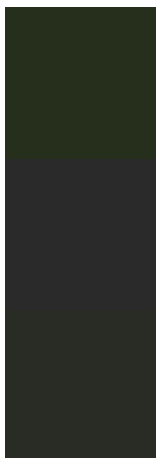
Original Color
18, 14.286, 125.614

Protanomaly
18, 12.883, 109.219

Deuteranomaly
18, 11.129, 96.366

Tritanomaly
18, 4.223, 143.934

Monochromacy



Original Color
18, 14.286, 125.614

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 5.055, 125.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 14.286, 125.614 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, 47, 27)` looks like.

```
.text, #text, p{  
    color:rgb(38, 47, 27)  
}
```

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, 47, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 47, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 14.286, 125.614 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, 47, 27) }
```

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

```
.border{ border-color:rgb(38, 47, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 47, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 47, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 47, 27);  
box-shadow:4px 4px 4px 4px rgb(38, 47, 27)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 14.286, 125.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 47, 27) }
```

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

```
.background{ background-color: rgb(38, 47,  
27) }
```

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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