

Converting Colors

CIELCh(14, 13.446, 191.025)

Have a look what the booklet for
CIELCh(14, 13.446, 191.025)
contains.

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Color

CIELCh(14, 13.510, 190.349)

Conversions

Conversions Part 1

Format	Color
Hex	042927
RGB	4, 41, 39
RGB Percent	2%, 16%, 15%
CMY	0.9856, 0.8406, 0.8484
CMYK	0.91, 0.00, 0.05, 0.84
HSL	177°, 83%, 9%
HSV	177°, 91%, 16%
XYZ	1.1875, 1.7298, 2.1612
YIQ	29.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

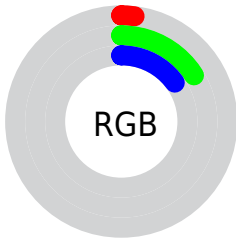
Format	Color
R_YB	4, 23, 41
Decimal	272679
CIE Lab	14.00, -13.29, -2.43
CIE LCh	14, 13.510, 190.349
Yxy	1.7298, 0.2338, 0.3406
Android (android.graphics.Color)	4278462759 (0xFF042927)
YUV	29.7090, 4.5805, -22.5468
Hunter-Lab	13.1521, -6.8996, -0.5362

Details

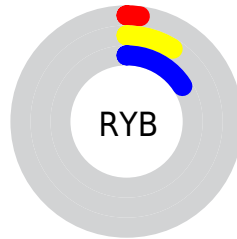
The CIELCh color **14, 13.510, 190.349** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5, 18.717, 17.199**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 13.143, 192.091**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 14.511, 189.985**, and if you desaturate by 10%, it is **14, 12.448, 190.790**.

Distribution



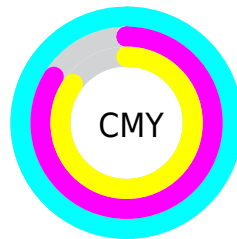
- Red (2%)
- Green (16%)
- Blue (15%)



- Red (2%)
- Yellow (9%)
- Blue (16%)



- Cyan (91%)
- Magenta (0%)
- Yellow (5%)
- Black (84%)





- Cyan (99%)
- Magenta (84%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 13.510, 190.349 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 14, 13.510, 190.349 by changing the saturation by 10% instead.

 14, 13.510,
190.349


 14, 13.510,
190.349


 100, 13.510,
190.349


 4, 13.510, 190.349


 34, 13.510,
190.349

 0, 13.510, 190.349

 44, 13.510,
190.349


 54, 13.510,
190.349


 64, 13.510,
190.349

 74, 13.510,
190.349


 84, 13.510,


190.349


 94, 13.510,
190.349


 14, 13.510,
190.349

 14, 13.510,
190.349

 14, 14.511,
189.985


 14, 12.448,
190.790

 14, 11.408,
191.279

 15, 10.221,
191.778

 15, 8.865, 192.282

 15, 7.355, 192.794

 15, 5.713, 193.316

■ 16, 3.957, 193.854

■ 16, 2.109, 194.425

■ 16, 0.186, 195.857

Harmonies

Complementary

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



14, 13.510, 190.349



5, 18.717, 17.199

Rectangle

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



14, 13.510, 190.349



14, 13.510, 240.349



14, 13.510, 10.349



14, 13.510, 60.349

Sweetspot

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



14, 13.510, 190.348



21, 6.325, 193.432



13, 27.668, 140.447



9, 4.318, 193.436



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



14, 13.510, 190.348



19, 17.235, 189.580



8, 13.498, 263.324



6, 0.900, 194.868



32, 23.320, 189.047



77, 45.589, 188.388

Inverse Universe

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



5, 18.717, 17.199



7, 28.313, 20.524



9, 14.708, 52.465



6, 0.900, 15.001



15, 41.840, 30.872



44, 88.680, 38.186

Previews

White Background



This preview shows how the CIELCh color 14, 13.510, 190.349 looks on a white background.

Color Contrast Check

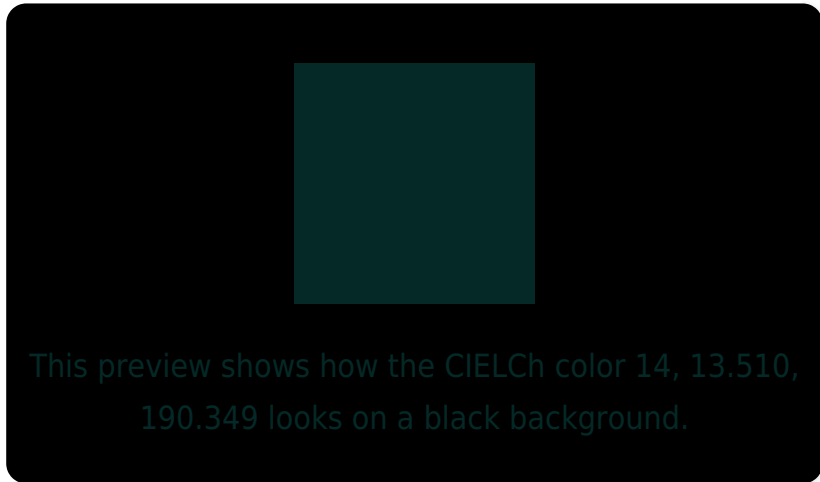
Large Text (above 18pt) WCAG AA ✓ Pass

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

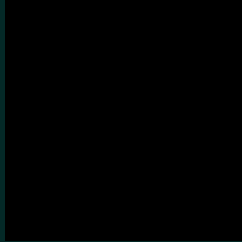
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 13.510, 190.349

Background



This preview shows how black text looks on a background with the CIELCh color 14, 13.510, 190.349.



This preview shows how white text looks on a background with the CIELCh color 14, 13.510, 190.349.

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

14, 13.510, 190.349

Protanopia

14, 0.491, 19.174

Deuteranopia

14, 3.855, 312.884



Tritanopia
14, 11.117, 208.292

Trichromacy



Original Color
14, 13.510, 190.349

Protanomaly
14, 5.965, 191.127

Deuteranomaly
14, 5.258, 222.585

Tritanomaly
14, 11.724, 200.391

Monochromacy



Original Color
14, 13.510, 190.349

Achromatopsia
11, 0.003, 296.813

Achromatomaly
12, 5.899, 197.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 13.510, 190.349 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(4, 41, 39)` looks like.

```
.text, #text, p{  
    color:rgb(4, 41, 39)  
}
```

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(4, 41, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 41, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 13.510, 190.349 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(4, 41, 39) }
```

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

```
.border{ border-color:rgb(4, 41, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 41, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 41, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 41, 39); box-shadow:4px  
4px 4px 4px rgb(4, 41, 39) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 13.510, 190.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 41, 39) }
```

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

```
.background{ background-color: rgb(4, 41,  
39) }
```

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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