

Converting Colors

CIELCh(14, 19.195, 34.010)

Have a look what the booklet for
CIELCh(14, 19.195, 34.010) contains.

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Color

CIELCh(14, 19.084, 34.845)

Conversions

Conversions Part 1

Format	Color
Hex	3B1A15
RGB	59, 26, 21
RGB Percent	23%, 10%, 8%
CMY	0.7682, 0.8977, 0.9173
CMYK	0.00, 0.56, 0.64, 0.77
HSL	8°, 47%, 16%
HSV	8°, 64%, 23%
XYZ	2.3168, 1.7298, 0.9252
YIQ	35.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

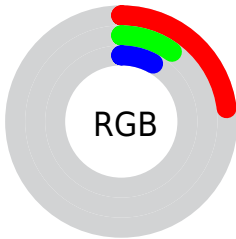
Format	Color
RYB	59, 27, 21
Decimal	3873301
CIELab	14.00, 15.66, 10.90
CIELCh	14, 19.084, 34.845
Yxy	1.7298, 0.4660, 0.3479
Android (android.graphics.Color)	4282063381 (0xFF3B1A15)
YUV	35.2970, -7.0484, 20.7875
Hunter-Lab	13.1521, 8.4272, 5.0355

Details

The CIELCh color **14, 19.084, 34.845** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21, 12.299, 213.552**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 19.329, 35.079**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 22.303, 34.684**, and if you desaturate by 10%, it is **16, 15.614, 33.908**.

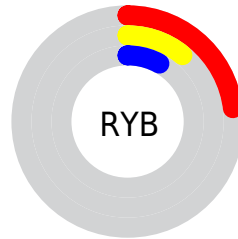
Distribution



Red (23%)

Green (10%)

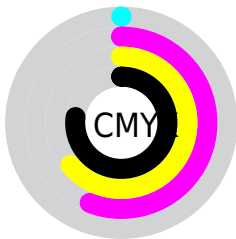
Blue (8%)



Red (23%)

Yellow (11%)

Blue (8%)

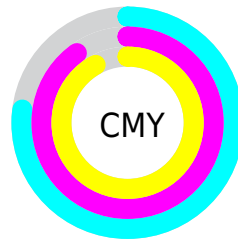


Cyan (0%)

Magenta (56%)

Yellow (64%)

Black (77%)



Cyan (77%)

Magenta (90%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 19.084, 34.845 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, 19.084, 34.845 by changing the saturation by 10% instead.

 14, 19.084, 34.845

 14, 19.084, 34.845

 100, 19.084,
34.845

 4, 19.084, 34.845

 34, 19.084, 34.845

 0, 19.084, 34.845

 44, 19.084, 34.845

 54, 19.084, 34.845

 64, 19.084, 34.845

 74, 19.084, 34.845

 84, 19.084, 34.845

 94, 19.084, 34.845

■ 14, 19.084, 34.845

■ 14, 19.084, 34.845

■ 13, 22.303, 34.684

■ 16, 15.614, 33.908

■ 11, 25.019, 33.359

■ 17, 12.312, 33.177

■ 10, 27.421, 32.419

■ 19, 9.202, 32.640

■ 10, 28.714, 32.203

■ 21, 6.291, 32.258

■ 22, 3.574, 31.989

■ 24, 1.041, 31.689

■ 26, 1.320, 212.033

■ 28, 3.525, 211.923

■ 30, 5.589, 211.947

Harmonies

Complementary

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



14, 19.084, 34.845



21, 12.299, 213.552

Rectangle

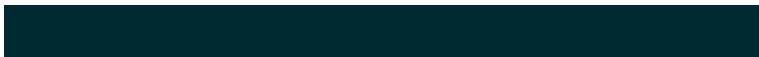
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14, 19.084, 34.845



14, 19.084, 84.845



14, 19.084, 214.845



14, 19.084, 264.845

Sweetspot

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



14, 19.083, 34.849



28, 5.998, 32.128



14, 27.437, 331.064



12, 4.065, 32.154



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



14, 19.083, 34.849



17, 29.534, 36.771



19, 17.894, 79.402



11, 1.396, 31.849



19, 45.251, 38.933



47, 91.859, 41.553

Inverse Universe

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



21, 12.299, 213.552



26, 16.617, 215.058



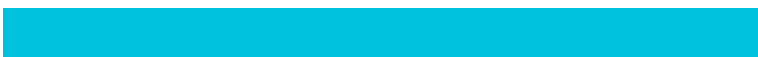
14, 17.142, 277.845



11, 1.333, 211.961



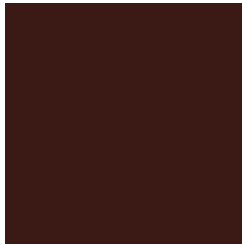
31, 21.251, 218.979



72, 39.417, 221.067

Previews

White Background



This preview shows how the CIELCh color 14, 19.084, 34.845 looks on a white background.

Color Contrast Check

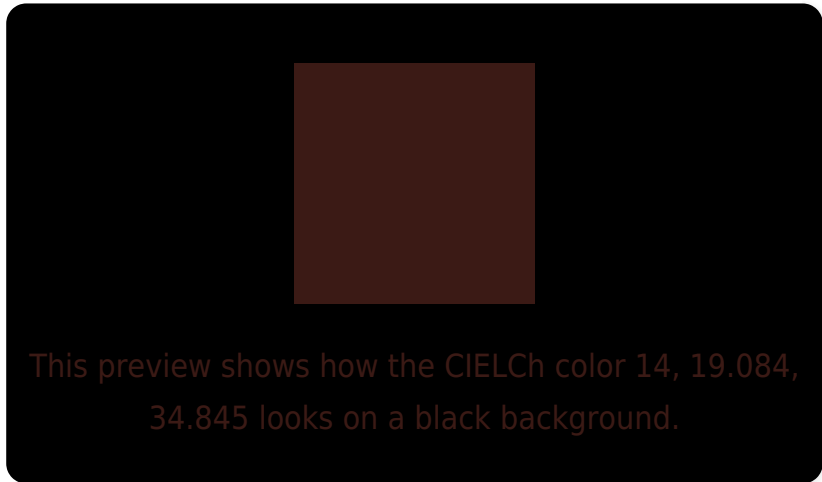
Large Text (above 18pt) WCAG AA ✓ Pass

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

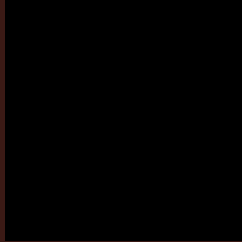
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 19.084, 34.845

Background



This preview shows how black text looks on a background with the CIELCh color 14, 19.084, 34.845.

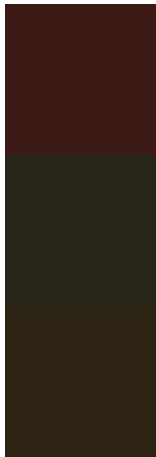


This preview shows how white text looks on a background with the CIELCh color 14, 19.084, 34.845.

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, 19.084, 34.845

Protanopia

14, 7.925, 96.209

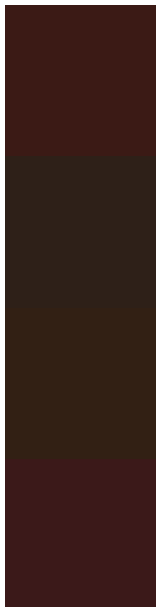
Deuteranopia

14, 12.627, 80.483



Tritanopia
14, 18.156, 20.796

Trichromacy



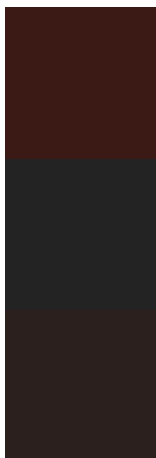
Original Color
14, 19.084, 34.845

Protanomaly
14, 9.727, 56.129

Deuteranomaly
14, 13.533, 59.000

Tritanomaly
14, 18.475, 25.063

Monochromacy



Original Color
14, 19.084, 34.845

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 6.491, 33.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 19.084, 34.845 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(59, 26, 21)` looks like.

```
.text, #text, p{  
    color:rgb(59, 26, 21)  
}
```

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(59, 26, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 26, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 19.084, 34.845 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(59, 26, 21) }
```

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

```
.border{ border-color:rgb(59, 26, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 26, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 26, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 26, 21);  
box-shadow:4px 4px 4px 4px rgb(59, 26, 21)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 19.084, 34.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 26, 21) }
```

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

```
.background{ background-color: rgb(59, 26,  
21) }
```

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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