

Converting Colors

CIELCh(14, 13.288, 4.322)

Have a look what the booklet for
CIELCh(14, 13.288, 4.322) contains.

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Color

CIELCh(14, 13.436, 2.221)

Conversions

Conversions Part 1

Format	Color
Hex	351C23
RGB	53, 28, 35
RGB Percent	21%, 11%, 14%
CMY	0.7911, 0.8892, 0.8618
CMYK	0.00, 0.47, 0.34, 0.79
HSL	343°, 31%, 16%
HSV	343°, 47%, 21%
XYZ	2.2112, 1.7298, 1.8271
YIQ	36.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

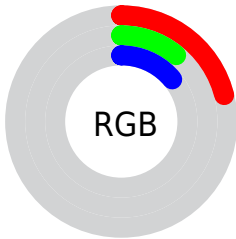
Format	Color
R_{YB}	53, 28, 35
Decimal	3480611
CIE Lab	14.00, 13.43, 0.52
CIE LCh	14, 13.436, 2.221
Yxy	1.7298, 0.3834, 0.2999
Android (android.graphics.Color)	4281670691 (0xFF351C23)
YUV	36.2730, -0.6276, 14.6696
Hunter-Lab	13.1521, 6.9944, 0.9698

Details

The CIELCh color **14, 13.436, 2.221** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20, 11.816, 173.330**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 13.582, 3.072**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **12, 16.369, 3.794**, and if you desaturate by 10%, it is **16, 10.471, 0.896**.

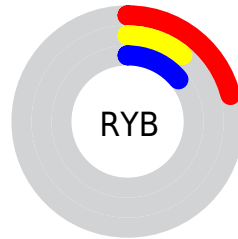
Distribution



Red (21%)

Green (11%)

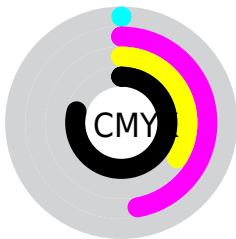
Blue (14%)



Red (21%)

Yellow (11%)

Blue (14%)

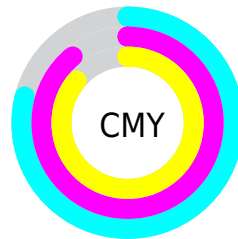


Cyan (0%)

Magenta (47%)

Yellow (34%)

Black (79%)



Cyan (79%)

Magenta (89%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 13.436, 2.221 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, 13.436, 2.221 by changing the saturation by 10% instead.

 14, 13.436, 2.221  14, 13.436, 2.221

 100, 13.436, 2.221  4, 13.436, 2.221

 34, 13.436, 2.221  0, 13.436, 2.221

 44, 13.436, 2.221

 54, 13.436, 2.221

 64, 13.436, 2.221

 74, 13.436, 2.221

 84, 13.436, 2.221

 94, 13.436, 2.221

 14, 13.436, 2.221  14, 13.436, 2.221

12, 16.369, 3.794

16, 10.471, 0.896

11, 19.196, 5.681

17, 7.534, 359.757

10, 21.825, 7.975

19, 4.662, 358.757

9, 24.244, 9.981

21, 1.881, 357.830

8, 26.883, 10.459

23, 0.799, 177.402

7, 27.689, 10.412

25, 3.373, 176.526

27, 5.842, 175.874

29, 8.209, 175.292

30, 10.482,
174.761

Harmonies

Complementary

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



14, 13.436, 2.221



20, 11.816, 173.330

Rectangle

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



14, 13.436, 2.221



14, 13.436, 52.221



14, 13.436, 182.221



14, 13.436, 232.221

Sweetspot

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



14, 13.435, 2.223



26, 4.749, 358.544



14, 19.349, 317.948



12, 3.316, 358.611



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



14, 13.435, 2.223



17, 19.948, 4.108



15, 11.380, 41.012



8, 1.440, 357.942



17, 40.229, 18.332



46, 78.680, 23.585

Inverse Universe

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



14, 13.435, 2.223



17, 19.948, 4.108



18, 8.578, 224.042



8, 1.440, 357.942



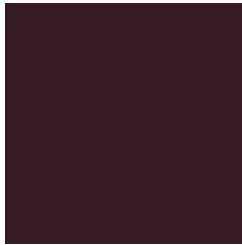
17, 40.229, 18.332



46, 78.680, 23.585

Previews

White Background



This preview shows how the CIELCh color 14, 13.436, 2.221 looks on a white background.

Color Contrast Check

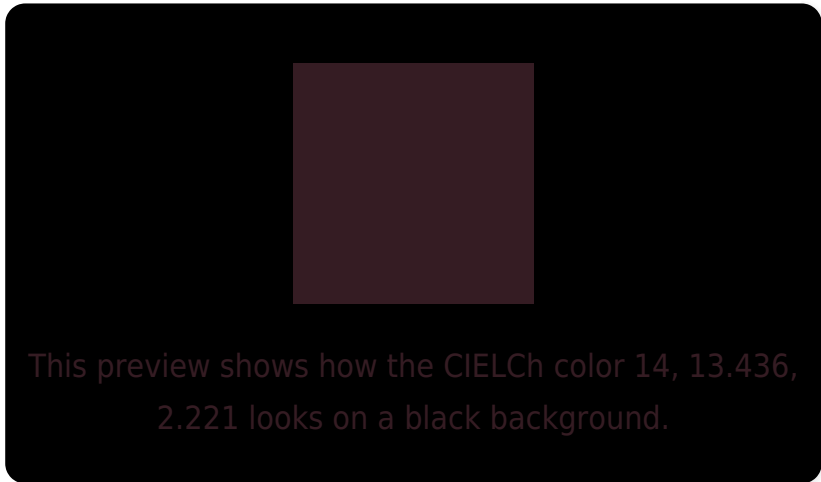
Large Text (above 18pt) WCAG AA ✓ Pass

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

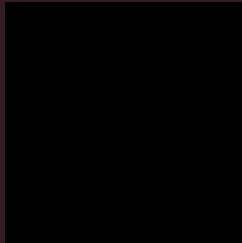
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 13.436, 2.221

Background



This preview shows how black text looks on a background with the CIELCh color 14, 13.436, 2.221.



This preview shows how white text looks on a background with the CIELCh color 14, 13.436, 2.221.

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, 13.436, 2.221

Protanopia

14, 2.845, 290.987

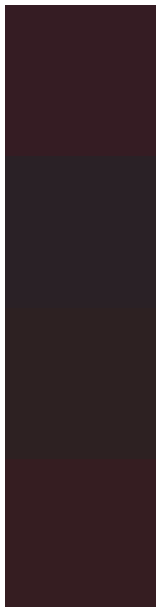
Deuteranopia

14, 2.618, 35.593



Tritanopia
14, 12.621, 16.766

Trichromacy



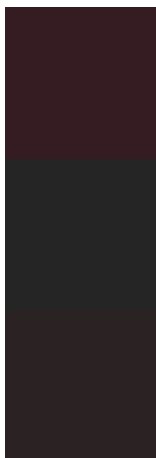
Original Color
14, 13.436, 2.221

Protanomaly
14, 5.672, 342.154

Deuteranomaly
14, 6.159, 14.471

Tritanomaly
14, 12.615, 10.413

Monochromacy



Original Color
14, 13.436, 2.221

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 4.717, 3.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 13.436, 2.221 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(53, 28, 35)` looks like.

```
.text, #text, p{  
    color:rgb(53, 28, 35)  
}
```

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(53, 28, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 28, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 13.436, 2.221 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(53, 28, 35) }
```

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

```
.border{ border-color:rgb(53, 28, 35) }
```

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

Here you see how a box with a 4 pixel rgb(53, 28, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 28, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 28, 35);  
box-shadow:4px 4px 4px 4px rgb(53, 28, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 13.436, 2.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 28, 35) }
```

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

```
.background{ background-color: rgb(53, 28,  
35) }
```

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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