

Converting Colors

CIELCh(14, 6.241, 52.846)

Have a look what the booklet for
CIELCh(14, 6.241, 52.846) contains.

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Color

CIELCh(14, 5.975, 56.399)

Conversions

Conversions Part 1

Format	Color
Hex	2B221D
RGB	43, 34, 29
RGB Percent	17%, 13%, 11%
CMY	0.8322, 0.8674, 0.8870
CMYK	0.00, 0.21, 0.33, 0.83
HSL	21°, 20%, 14%
HSV	21°, 33%, 17%
XYZ	1.7735, 1.7298, 1.3904
YIQ	36.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

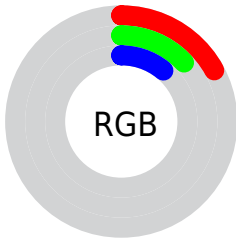
Format	Color
RYB	43, 37, 29
Decimal	2826781
CIELab	14.00, 3.31, 4.98
CIELCh	14, 5.975, 56.399
Yxy	1.7298, 0.3624, 0.3535
Android (android.graphics.Color)	4281016861 (0xFF2B221D)
YUV	36.1210, -3.5107, 6.0329
Hunter-Lab	13.1521, 1.0534, 2.9384

Details

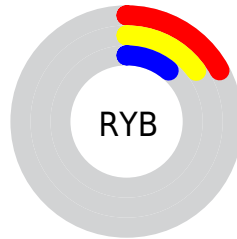
The CIELCh color **14, 5.975, 56.399** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14, 5.221, 241.789**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 6.254, 56.594**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 8.030, 55.796**, and if you desaturate by 10%, it is **15, 4.031, 57.050**.

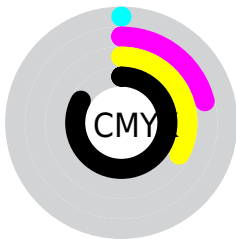
Distribution



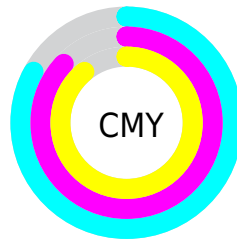
- Red (17%)
- Green (13%)
- Blue (11%)



- Red (17%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (83%)



- Cyan (83%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 5.975, 56.399 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, 5.975, 56.399 by changing the saturation by 10% instead.

■ 14, 5.975, 56.399 ■ 14, 5.975, 56.399

■ 100, 5.975, 56.399 ■ 4, 5.975, 56.399

■ 34, 5.975, 56.399 ■ 0, 5.975, 56.399

■ 44, 5.975, 56.399

■ 54, 5.975, 56.399

■ 64, 5.975, 56.399

■ 74, 5.975, 56.399

■ 84, 5.975, 56.399

■ 94, 5.975, 56.399

■ 14, 5.975, 56.399 ■ 14, 5.975, 56.399

13, 8.030, 55.796	15, 4.031, 57.050
12, 10.157, 55.054	16, 2.192, 57.699
11, 12.024, 53.127	17, 0.450, 58.112
10, 13.607, 50.270	18, 1.204, 239.326
9, 15.009, 47.006	19, 2.776, 239.968
8, 16.423, 44.376	20, 4.276, 240.665
8, 17.460, 42.891	21, 5.710, 241.367
	23, 7.085, 242.065
	24, 8.407, 242.751

Harmonies

Complementary

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



14, 5.975, 56.399



14, 5.221, 241.789

Rectangle

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



14, 5.975, 56.399



14, 5.975, 106.399



14, 5.975, 236.399



14, 5.975, 286.399

Sweetspot

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



14, 5.975, 56.408



22, 2.160, 57.827



13, 9.410, 338.369



9, 1.436, 57.827



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, 5.975, 56.408



18, 9.190, 55.870



16, 8.308, 100.333



6, 0.734, 57.331



19, 37.113, 50.501



51, 79.871, 50.138

Inverse Universe

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



14, 5.221, 241.789



19, 7.703, 242.947



12, 8.646, 286.716



6, 0.738, 239.998



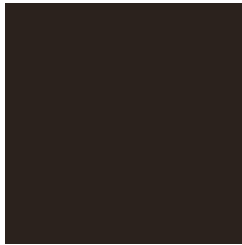
21, 22.973, 261.409



54, 47.353, 266.520

Previews

White Background



This preview shows how the CIELCh color 14, 5.975, 56.399 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

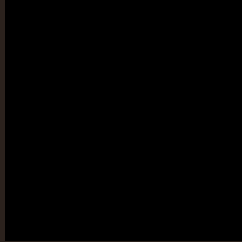
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 5.975, 56.399

Background



This preview shows how black text looks on a background with the CIELCh color 14, 5.975, 56.399.

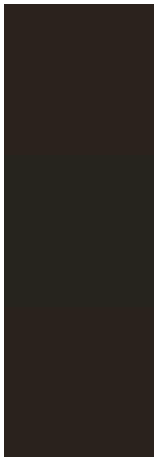


This preview shows how white text looks on a background with the CIELCh color 14, 5.975, 56.399.

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, 5.975, 56.399

Protanopia

14, 4.367, 95.266

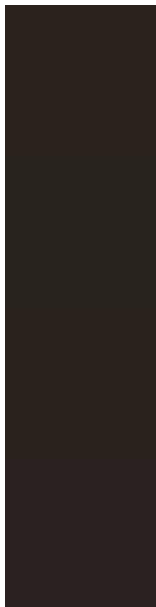
Deuteranopia

14, 5.547, 59.639



Tritanopia
14, 5.228, 5.106

Trichromacy



Original Color

14, 5.975, 56.399

Protanomaly

14, 4.407, 72.969

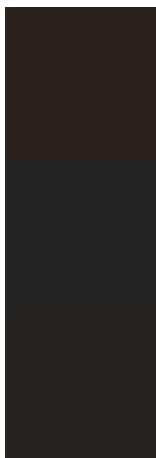
Deuteranomaly

14, 5.547, 59.639

Tritanomaly

14, 5.122, 20.710

Monochromacy



Original Color

14, 5.975, 56.399

Achromatopsia

14, 0.003, 296.813

Achromatomaly

14, 2.072, 62.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 5.975, 56.399 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(43, 34, 29)` looks like.

```
.text, #text, p{  
    color:rgb(43, 34, 29)  
}
```

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(43, 34, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 34, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 5.975, 56.399 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(43, 34, 29) }
```

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

```
.border{ border-color:rgb(43, 34, 29) }
```

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

Here you see how a box with a 4 pixel rgb(43, 34, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 34, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 34, 29);  
box-shadow:4px 4px 4px 4px rgb(43, 34, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 5.975, 56.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 34, 29) }
```

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

```
.background{ background-color: rgb(43, 34,  
29) }
```

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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