

Converting Colors

CIELCh(14, 24.185, 25.577)

Have a look what the booklet for
CIELCh(14, 24.185, 25.577) contains.

CIELCh(14, 24.385, 25.957)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(14, 24.385, 25.957)

Conversions

Conversions Part 1

Format	Color
Hex	421516
RGB	66, 21, 22
RGB Percent	26%, 8%, 9%
CMY	0.7425, 0.9188, 0.9147
CMYK	0.00, 0.68, 0.67, 0.74
HSL	359°, 52%, 17%
HSV	359°, 68%, 26%
XYZ	2.6302, 1.7298, 0.9414
YIQ	34.5690, 26.4990, 9.8510

Conversions

Conversions Part 2

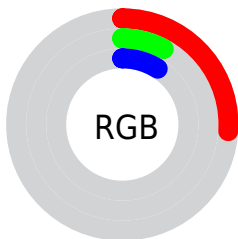
Format	Color
R_{YB}	66, 21, 22
Decimal	4330774
CIE _{Lab}	14.00, 21.93, 10.67
CIE _{LCh}	14, 24.385, 25.957
Yxy	1.7298, 0.4961, 0.3263
Android (android.graphics.Color)	4282520854 (0xFF421516)
YUV	34.5690, -6.1965, 27.5650
Hunter-Lab	13.1521, 12.6809, 4.9628

Details

The CIELCh color **14, 24.385, 25.957** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25, 15.858, 194.366**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 24.338, 26.382**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 27.944, 27.320**, and if you desaturate by 10%, it is **16, 20.436, 23.797**.

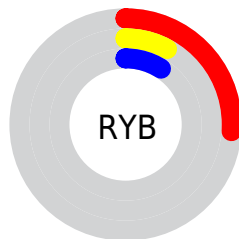
Distribution



Red (26%)

Green (8%)

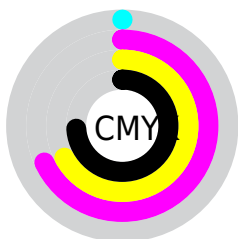
Blue (9%)



Red (26%)

Yellow (8%)

Blue (9%)

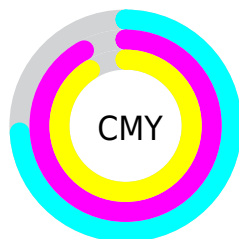


Cyan (0%)

Magenta (68%)

Yellow (67%)

Black (74%)



Cyan (74%)

Magenta (92%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 24.385, 25.957 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, 24.385, 25.957 by changing the saturation by 10% instead.

 14, 24.385, 25.957

 14, 24.385, 25.957

 100, 24.385,
25.957

 4, 24.385, 25.957

 34, 24.385, 25.957

 0, 24.385, 25.957

 44, 24.385, 25.957

 54, 24.385, 25.957

 64, 24.385, 25.957

 74, 24.385, 25.957

 84, 24.385, 25.957

 94, 24.385, 25.957

■ 14, 24.385, 25.957

■ 14, 24.385, 25.957

■ 13, 27.944, 27.320

■ 16, 20.436, 23.797

■ 11, 30.789, 27.580

■ 17, 16.534, 22.060

■ 10, 33.593, 27.104

■ 19, 12.756, 20.676

■ 10, 34.047, 26.991

■ 22, 9.150, 19.571

■ 24, 5.744, 18.675

■ 26, 2.546, 17.909

■ 28, 0.448, 197.983

■ 30, 3.249, 197.025

■ 33, 5.871, 196.593

Harmonies

Complementary

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



14, 24.385, 25.957



25, 15.858, 194.366

Rectangle

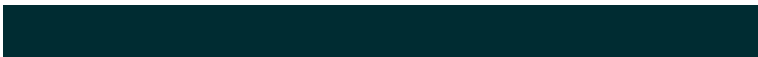
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14, 24.385, 25.957



14, 24.385, 75.957



14, 24.385, 205.957



14, 24.385, 255.957

Sweetspot

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



14, 24.384, 25.960



30, 8.122, 18.959



16, 33.808, 326.412



14, 5.565, 19.053



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



14, 24.384, 25.960



17, 36.328, 30.363



19, 20.000, 64.609



12, 1.688, 17.914



18, 47.843, 34.362



47, 93.996, 39.266

Inverse Universe

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



14, 24.384, 25.960



17, 36.328, 30.363



17, 16.110, 264.175



12, 1.688, 17.914



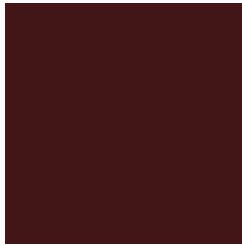
18, 47.843, 34.362



47, 93.996, 39.266

Previews

White Background



This preview shows how the CIELCh color 14, 24.385, 25.957 looks on a white background.

Color Contrast Check

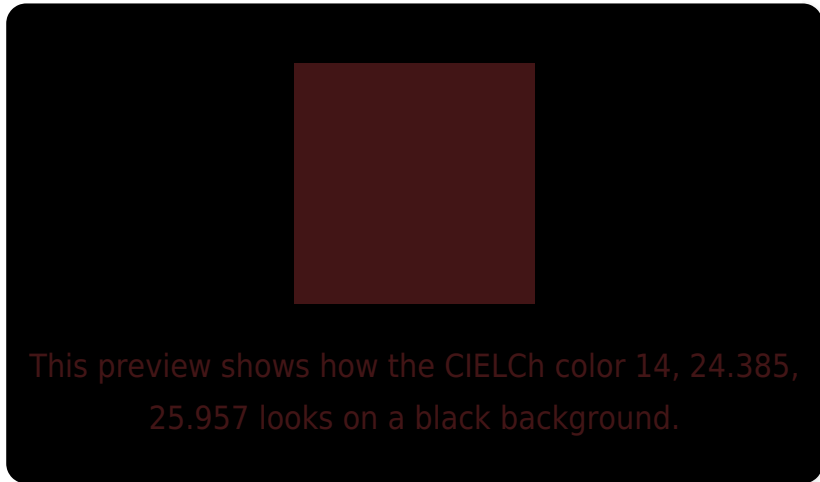
Large Text (above 18pt) WCAG AA ✓ Pass

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

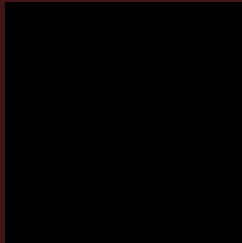
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 24.385, 25.957

Background



This preview shows how black text looks on a background with the CIELCh color 14, 24.385, 25.957.



This preview shows how white text looks on a background with the CIELCh color 14, 24.385, 25.957.

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, 24.385, 25.957

Protanopia

15, 6.528, 94.369

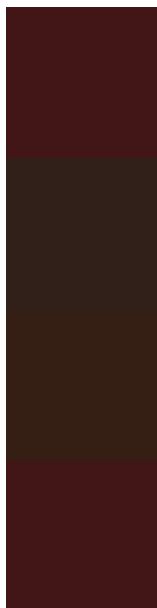
Deuteranopia

14, 12.627, 80.483



Tritanopia
14, 24.385, 25.957

Trichromacy



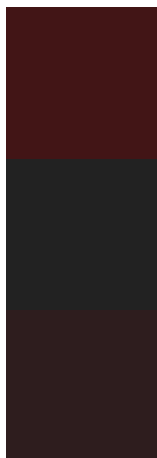
Original Color
14, 24.385, 25.957

Protanomaly
14, 10.562, 41.068

Deuteranomaly
14, 15.177, 49.219

Tritanomaly
14, 24.385, 25.957

Monochromacy



Original Color
14, 24.385, 25.957

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 8.942, 17.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 24.385, 25.957 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(66, 21, 22)` looks like.

```
.text, #text, p{  
    color:rgb(66, 21, 22)  
}
```

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(66, 21, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 21, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 24.385, 25.957 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(66, 21, 22) }
```

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

```
.border{ border-color:rgb(66, 21, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 21, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 21, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 21, 22);  
box-shadow:4px 4px 4px 4px rgb(66, 21, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 24.385, 25.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 21, 22) }
```

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

```
.background{ background-color: rgb(66, 21,  
22) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor