

Converting Colors

CIELCh(14, 23.017, 15.916)

Have a look what the booklet for
CIELCh(14, 23.017, 15.916) contains.

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Color

CIELCh(14, 22.954, 15.699)

Conversions

Conversions Part 1	
Format	Color
Hex	41151C
RGB	65, 21, 28
RGB Percent	25%, 8%, 11%
CMY	0.7459, 0.9183, 0.8908
CMYK	0.00, 0.68, 0.57, 0.75
HSL	350°, 51%, 17%
HSV	350°, 68%, 25%
XYZ	2.6392, 1.7298, 1.2832
YIQ	34.9540, 23.9770, 11.5050

Conversions

Conversions Part 2

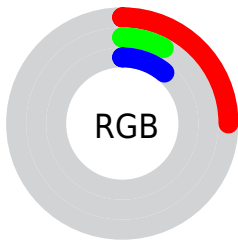
Format	Color
RYB	65, 21, 28
Decimal	4265244
CIELab	14.00, 22.10, 6.21
CIELCh	14, 22.954, 15.699
Yxy	1.7298, 0.4669, 0.3060
Android (android.graphics.Color)	4282455324 (0xFF41151C)
YUV	34.9540, -3.4283, 26.3503
Hunter-Lab	13.1521, 12.8033, 3.4219

Details

The CIELCh color **14, 22.954, 15.699** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 17.056, 180.684**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 23.164, 15.990**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 26.287, 18.454**, and if you desaturate by 10%, it is **16, 19.452, 13.460**.

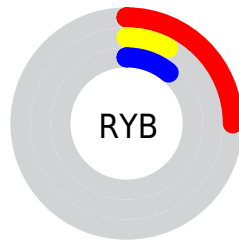
Distribution



Red (25%)

Green (8%)

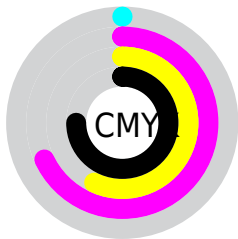
Blue (11%)



Red (25%)

Yellow (8%)

Blue (11%)

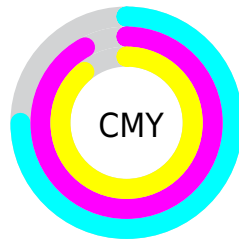


Cyan (0%)

Magenta (68%)

Yellow (57%)

Black (75%)



Cyan (75%)

Magenta (92%)

Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 22.954, 15.699 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, 22.954, 15.699 by changing the saturation by 10% instead.

 14, 22.954, 15.699

 14, 22.954, 15.699

 100, 22.954,
15.699

 4, 22.954, 15.699

 0, 22.954, 15.699

 34, 22.954, 15.699

 44, 22.954, 15.699

 54, 22.954, 15.699

 64, 22.954, 15.699

 74, 22.954, 15.699

 84, 22.954, 15.699

 94, 22.954, 15.699

■ 14, 22.954, 15.699

■ 14, 22.954, 15.699

■ 13, 26.287, 18.454

■ 16, 19.452, 13.460

■ 11, 29.204, 20.715

■ 17, 15.888, 11.638

■ 10, 32.033, 21.146

■ 19, 12.347, 10.143

■ 10, 32.648, 21.010

■ 21, 8.893, 8.900

■ 24, 5.567, 7.845

■ 26, 2.390, 6.904

■ 28, 0.630, 186.609

■ 30, 3.494, 185.635

■ 32, 6.210, 185.015

Harmonies

Complementary

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



14, 22.954, 15.699



24, 17.056, 180.684

Rectangle

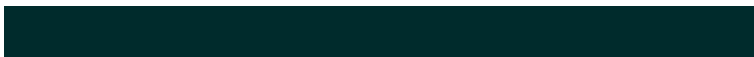
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14, 22.954, 15.699



14, 22.954, 65.699



14, 22.954, 195.699



14, 22.954, 245.699

Sweetspot

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



14, 22.953, 15.701



30, 7.803, 8.144



14, 32.722, 322.232



14, 5.386, 8.268



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, 22.953, 15.701



17, 33.792, 20.604



17, 19.903, 51.922



12, 1.726, 6.968



18, 45.256, 28.240



47, 87.282, 33.019

Inverse Universe

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



14, 22.953, 15.701



17, 33.792, 20.604



19, 13.717, 245.568



12, 1.726, 6.968



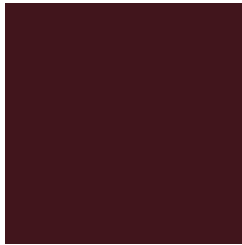
18, 45.256, 28.240



47, 87.282, 33.019

Previews

White Background



This preview shows how the CIE LCh color 14, 22.954, 15.699 looks on a white background.

Color Contrast Check

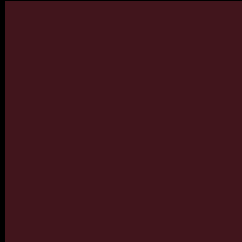
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 14, 22.954, 15.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

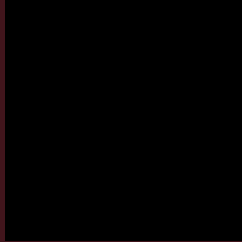
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 22.954, 15.699

Background



This preview shows how black text looks on a background with the CIELCh color 14, 22.954, 15.699.

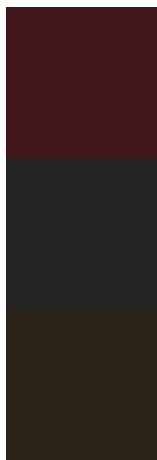


This preview shows how white text looks on a background with the CIELCh color 14, 22.954, 15.699.

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, 22.954, 15.699

Protanopia

15, 1.491, 90.316

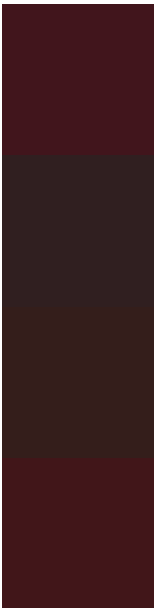
Deuteranopia

14, 8.073, 71.304



Tritanopia
14, 23.266, 25.367

Trichromacy



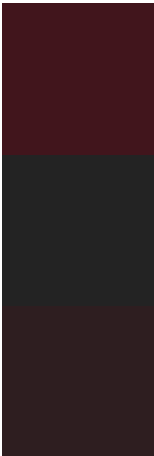
Original Color
14, 22.954, 15.699

Protanomaly
14, 8.855, 17.307

Deuteranomaly
14, 12.203, 32.364

Tritanomaly
14, 22.887, 22.026

Monochromacy



Original Color
14, 22.954, 15.699

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 8.374, 12.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 22.954, 15.699 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(65, 21, 28)` looks like.

```
.text, #text, p{  
    color:rgb(65, 21, 28)  
}
```

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(65, 21, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 21, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 22.954, 15.699 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(65, 21, 28) }
```

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

```
.border{ border-color:rgb(65, 21, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 21, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 21, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 21, 28);  
box-shadow:4px 4px 4px 4px rgb(65, 21, 28)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 22.954, 15.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 21, 28) }
```

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

```
.background{ background-color: rgb(65, 21,  
28) }
```

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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