

Converting Colors

CIELCh(14, 22.933, 358.266)

Have a look what the booklet for
CIELCh(14, 22.933, 358.266)
contains.

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Color

CIELCh(14, 22.816, 359.309)

Conversions

Conversions Part 1

Format	Color
Hex	401525
RGB	64, 21, 37
RGB Percent	25%, 8%, 15%
CMY	0.7507, 0.9191, 0.8563
CMYK	0.00, 0.68, 0.42, 0.75
HSL	338°, 51%, 17%
HSV	338°, 68%, 25%
XYZ	2.6769, 1.7298, 1.9137
YIQ	35.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

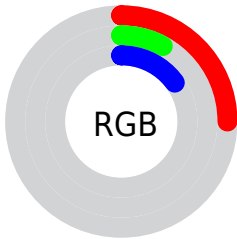
Format	Color
RYB	64, 21, 37
Decimal	4199717
CIELab	14.00, 22.81, -0.28
CIElCh	14, 22.816, 359.309
Yxy	1.7298, 0.4235, 0.2737
Android (android.graphics.Color)	4282389797 (0xFF401525)
YUV	35.6810, 0.6503, 24.8358
Hunter-Lab	13.1521, 13.3143, 0.5797

Details

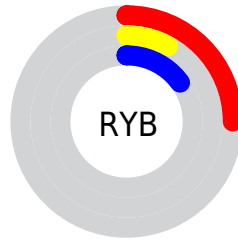
The CIELCh color **14, 22.816, 359.309** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 20.196, 164.311**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 22.889, 359.913**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 25.605, 1.537**, and if you desaturate by 10%, it is **16, 19.672, 357.482**.

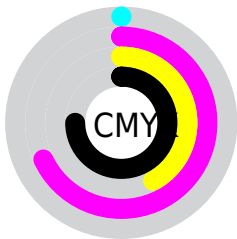
Distribution



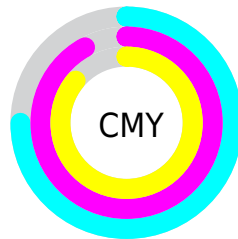
- Red (25%)
- Green (8%)
- Blue (15%)



- Red (25%)
- Yellow (8%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (42%)
- Black (75%)




- Cyan (75%)
- Magenta (92%)
- Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 22.816, 359.309 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, 22.816, 359.309 by changing the saturation by 10% instead.

 14, 22.816,
359.309

 14, 22.816,
359.309

 100, 22.816,
359.309

 4, 22.816, 359.309


 34, 22.816,
359.309

 0, 22.816, 359.309

 44, 22.816,
359.309


 54, 22.816,
359.309


 64, 22.816,
359.309

 74, 22.816,
359.309

 84, 22.816,


359.309

 94, 22.816,
359.309


 14, 22.816,
359.309

 14, 22.816,
359.309

 13, 25.605, 1.537


 16, 19.672,
357.482

 12, 27.972, 4.212

 17, 16.307,
355.957

 10, 30.541, 6.583

 10, 31.230, 7.076

 19, 12.833,
354.661

 21, 9.336, 353.539

 23, 5.878, 352.548

 25, 2.496, 351.632

■ 27, 0.785, 171.186

■ 30, 3.954, 170.272

■ 32, 7.009, 169.602

Harmonies

Complementary

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



14, 22.816, 359.309



24, 20.196, 164.311

Rectangle

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



14, 22.816, 359.309



14, 22.816, 49.309



14, 22.816, 179.309



14, 22.816, 229.309

Sweetspot

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



14, 22.815, 359.311



30, 8.270, 352.859



13, 31.585, 315.529



13, 5.553, 352.954



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



14, 22.815, 359.311



17, 32.187, 3.335



15, 21.789, 34.278



10, 1.775, 351.706



18, 40.898, 10.444



47, 76.957, 15.005

Inverse Universe

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



14, 22.815, 359.311



17, 32.187, 3.335



22, 13.571, 211.722



10, 1.775, 351.706



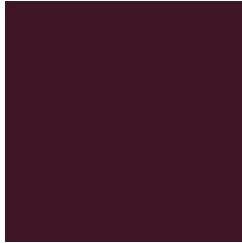
18, 40.898, 10.444



47, 76.957, 15.005

Previews

White Background



This preview shows how the CIE LCh color 14, 22.816, 359.309 looks on a white background.

Color Contrast Check

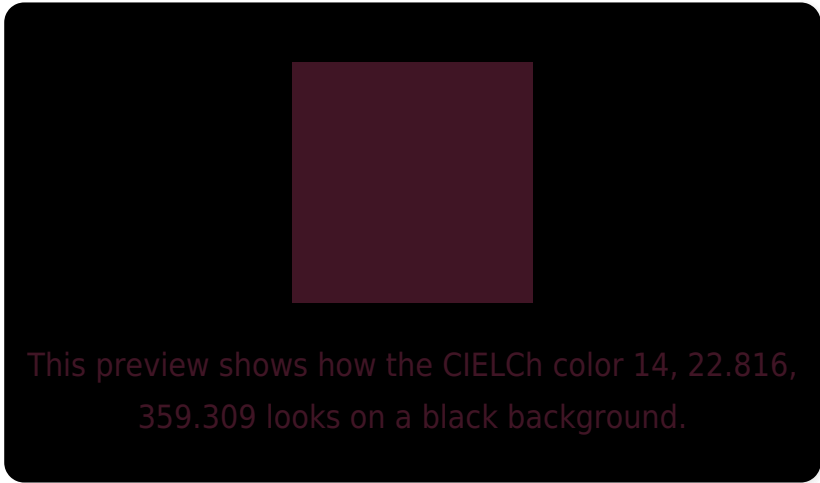
Large Text (above 18pt) WCAG AA ✓ Pass

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

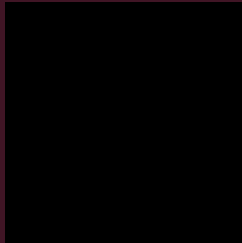
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 22.816, 359.309

Background



This preview shows how black text looks on a background with the CIELCh color 14, 22.816, 359.309.



This preview shows how white text looks on a background with the CIELCh color 14, 22.816, 359.309.

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, 22.816, 359.309

Protanopia
15, 6.412, 283.978

Deuteranopia
15, 2.606, 35.591



Tritanopia
14, 21.439, 22.779

Trichromacy



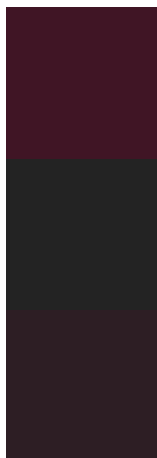
Original Color
14, 22.816, 359.309

Protanomaly
14, 10.788, 330.131

Deuteranomaly
14, 10.380, 358.469

Tritanomaly
14, 21.447, 14.093

Monochromacy



Original Color
14, 22.816, 359.309

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 8.584, 352.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 22.816, 359.309 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(64, 21, 37)` looks like.

```
.text, #text, p{  
    color:rgb(64, 21, 37)  
}
```

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(64, 21, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 21, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 22.816, 359.309 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(64, 21, 37) }
```

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

```
.border{ border-color:rgb(64, 21, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 21, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 21, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 21, 37);  
box-shadow:4px 4px 4px 4px rgb(64, 21, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 22.816, 359.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 21, 37) }
```

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

```
.background{ background-color: rgb(64, 21,  
37) }
```

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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