

Converting Colors

CIELCh(14, 22.887, 310.851)

Have a look what the booklet for
CIELCh(14, 22.887, 310.851)
contains.

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Color

CIELCh(14, 22.816, 310.817)

Conversions

Conversions Part 1

Format	Color
Hex	2C1D3C
RGB	44, 29, 60
RGB Percent	17%, 11%, 24%
CMY	0.8280, 0.8868, 0.7652
CMYK	0.27, 0.52, 0.00, 0.77
HSL	269°, 35%, 17%
HSV	269°, 52%, 23%
XYZ	2.2811, 1.7298, 4.4694
YIQ	37.0190, -1.0110, 12.8210

Conversions

Conversions Part 2

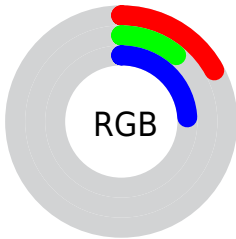
Format	Color
R_{YB}	44, 29, 60
Decimal	2891068
CIE _{Lab}	14.00, 14.91, -17.27
CIE _{LCh}	14, 22.816, 310.817
Yxy	1.7298, 0.2690, 0.2040
Android (android.graphics.Color)	4281081148 (0xFF2C1D3C)
YUV	37.0190, 11.3296, 6.1223
Hunter-Lab	13.1521, 7.9426, -10.9419

Details

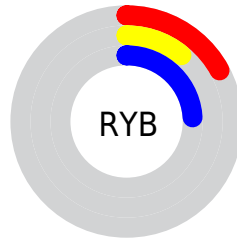
The CIELCh color **14, 22.816, 310.817** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **23, 21.315, 126.397**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 23.104, 311.031**, and **1, 6.483, 287.727** is the 20% darker color. If you saturate the color by 10%, you get **12, 27.323, 311.287**, and if you desaturate by 10%, it is **16, 18.271, 310.330**.

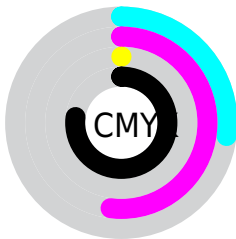
Distribution



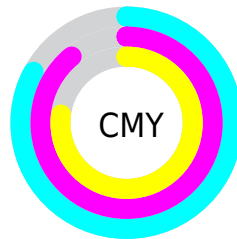
- Red (17%)
- Green (11%)
- Blue (24%)



- Red (17%)
- Yellow (11%)
- Blue (24%)



- Cyan (27%)
- Magenta (52%)
- Yellow (0%)
- Black (77%)





- Cyan (83%)
- Magenta (89%)
- Yellow (77%)
- Black (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 22.816, 310.817 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, 310.817 by changing the saturation by 10% instead.

 14, 22.816,
310.817

 14, 22.816,
310.817

 100, 22.816,
310.817

 4, 22.816, 310.817


 34, 22.816,
310.817

 0, 22.816, 310.817

 44, 22.816,
310.817


 54, 22.816,
310.817


 64, 22.816,
310.817


 74, 22.816,
310.817


 84, 22.816,


310.817


 94, 22.816,
310.817


 14, 22.816,
310.817

 14, 22.816,
310.817

 12, 27.323,
311.287

 16, 18.271,
310.330

 10, 31.689,
311.703

 18, 13.759,
309.849

 8, 35.753, 312.016

 20, 9.320, 309.387

 7, 39.441, 312.137

 23, 4.977, 308.953

 5, 42.306, 312.076

 25, 0.740, 308.501

 27, 3.384, 128.218

■ 29, 7.396, 127.884

■ 31, 11.298,
127.588

■ 34, 15.093,
127.325

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, 310.817



23, 21.315, 126.397

Rectangle

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



14, 22.816, 310.817



14, 22.816, 0.817



14, 22.816, 130.817



14, 22.816, 180.817

Sweetspot

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



14, 22.815, 310.817



29, 8.587, 309.167



18, 11.731, 261.593



13, 5.856, 309.197



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, 310.817



17, 34.589, 311.429



16, 24.649, 326.305



10, 2.382, 308.814



12, 60.080, 312.278



35, 112.866, 311.399

Inverse Universe

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



16, 18.061, 347.291



20, 26.756, 348.976



22, 24.698, 140.575



10, 1.946, 343.323



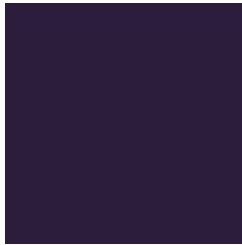
18, 41.395, 357.621



48, 76.425, 1.007

Previews

White Background



This preview shows how the CIE LCh color 14, 22.816, 310.817 looks on a white background.

Color Contrast Check

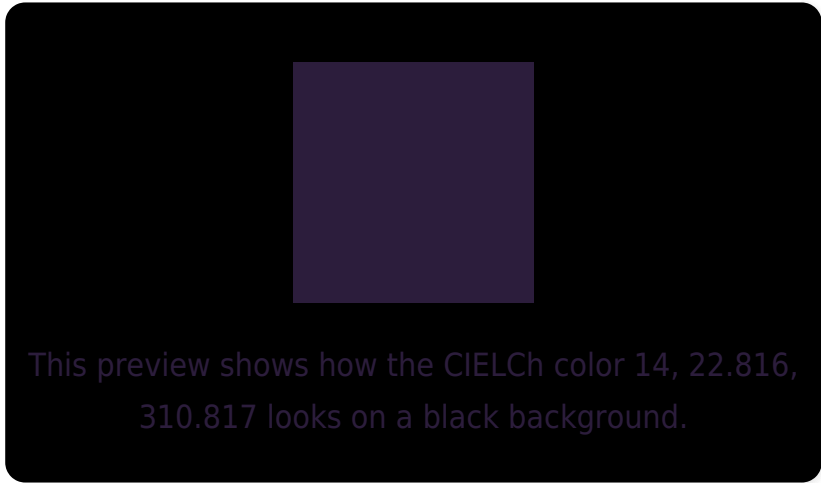
Large Text (above 18pt) WCAG AA ✓ Pass

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, 310.817

Background



This preview shows how black text looks on a background with the CIELCh color 14, 22.816, 310.817.



This preview shows how white text looks on a background with the CIELCh color 14, 22.816, 310.817.

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, 310.817

Protanopia

14, 22.199, 284.653

Deuteranopia

14, 16.138, 276.758



Tritanopia
14, 3.651, 344.615

Trichromacy



Original Color

14, 22.816, 310.817

Protanomaly

14, 22.053, 292.502

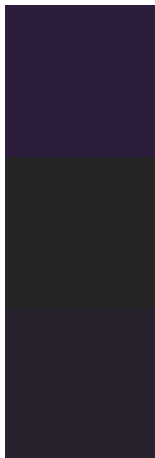
Deuteranomaly

14, 18.555, 291.844

Tritanomaly

14, 10.201, 316.487

Monochromacy



Original Color

14, 22.816, 310.817

Achromatopsia

15, 0.003, 296.813

Achromatomaly

14, 8.201, 308.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 22.816, 310.817 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(44, 29, 60)` looks like.

```
.text, #text, p{  
    color:rgb(44, 29, 60)  
}
```

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(44, 29, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 29, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 22.816, 310.817 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(44, 29, 60) }
```

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

```
.border{ border-color:rgb(44, 29, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 29, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 29, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 29, 60);  
box-shadow:4px 4px 4px 4px rgb(44, 29, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 22.816, 310.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 29, 60) }
```

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

```
.background{ background-color: rgb(44, 29,  
60) }
```

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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