

Converting Colors

CIELCh(14, 20.571, 347.938)

Have a look what the booklet for
CIELCh(14, 20.571, 347.938)
contains.

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Color

CIELCh(14, 20.248, 348.311)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3B182A |
| RGB | 59, 24, 42 |
| RGB Percent | 23%, 9%, 16% |
| CMY | 0.7697, 0.9069, 0.8363 |
| CMYK | 0.00, 0.60, 0.29, 0.77 |
| HSL | 329°, 42%, 16% |
| HSV | 329°, 60%, 23% |
| XYZ | 2.5223, 1.7298, 2.3680 |
| YIQ | 36.5170, 15.0820, 13.0180 |

Conversions

Conversions Part 2

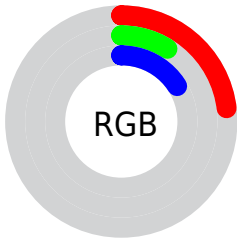
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 59, 24, 42 |
| Decimal | 3872810 |
| CIELab | 14.00, 19.83, -4.10 |
| CIElCh | 14, 20.248, 348.311 |
| Yxy | 1.7298, 0.3810, 0.2613 |
| Android (android.graphics.Color) | 4282062890 (0xFF3B182A) |
| YUV | 36.5170, 2.7031, 19.7176 |
| Hunter-Lab | 13.1521, 11.2165, -1.4687 |

Details

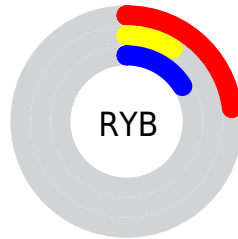
The CIELCh color **14, 20.248, 348.311** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22, 19.270, 157.455**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 20.029, 349.185**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 23.171, 349.707**, and if you desaturate by 10%, it is **16, 17.030, 347.114**.

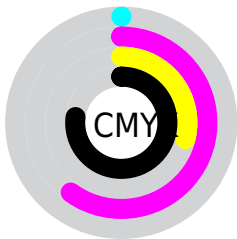
Distribution



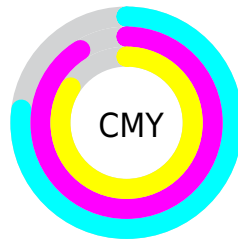
- Red (23%)
- Green (9%)
- Blue (16%)



- Red (23%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (77%)





- Cyan (77%)
- Magenta (91%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 20.248, 348.311 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, 20.248, 348.311 by changing the saturation by 10% instead.

 14, 20.248,
348.311


 14, 20.248,
348.311


 100, 20.248,
348.311


 4, 20.248, 348.311


 34, 20.248,
348.311

 0, 20.248, 348.311

 44, 20.248,
348.311


 54, 20.248,
348.311


 64, 20.248,
348.311


 74, 20.248,
348.311


 84, 20.248,


348.311


 94, 20.248,
348.311


 14, 20.248,
348.311


 14, 20.248,
348.311


 13, 23.171,
349.707

 16, 17.030,
347.114

 11, 25.670,
351.365

 17, 13.639,
346.065

 10, 27.827,
353.202

 19, 10.167,
345.131

 9, 30.304, 354.717

 21, 6.683, 344.283

 9, 30.424, 354.776

 23, 3.235, 343.492

 25, 0.146, 164.001

■ 27, 3.443, 162.242

■ 29, 6.646, 161.615

■ 31, 9.752, 161.044

Harmonies

Complementary

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



14, 20.248, 348.311



22, 19.270, 157.455

Rectangle

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



14, 20.248, 348.311



14, 20.248, 38.311



14, 20.248, 168.311



14, 20.248, 218.311

Sweetspot

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



14, 20.247, 348.312



28, 7.666, 344.226



12, 25.913, 311.163



12, 5.234, 344.315



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



14, 20.247, 348.312



17, 29.093, 350.461



13, 18.993, 24.217



10, 1.943, 343.409



18, 41.376, 357.759



48, 76.402, 1.161

Inverse Universe

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



14, 20.247, 348.312



17, 29.093, 350.461



22, 13.201, 195.391



10, 1.943, 343.409



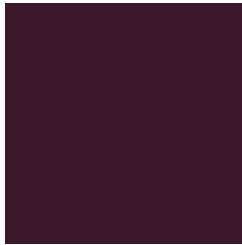
18, 41.376, 357.759



48, 76.402, 1.161

Previews

White Background



This preview shows how the CIE LCh color 14, 20.248, 348.311 looks on a white background.

Color Contrast Check

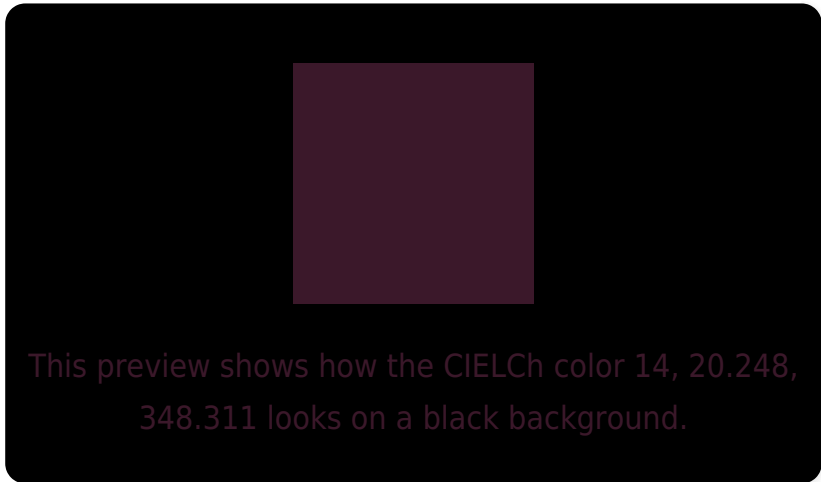
Large Text (above 18pt) WCAG AA ✓ Pass

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

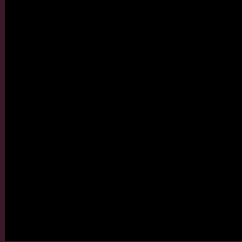
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 20.248, 348.311

Background



This preview shows how black text looks on a background with the CIELCh color 14, 20.248, 348.311.



This preview shows how white text looks on a background with the CIELCh color 14, 20.248, 348.311.

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, 20.248, 348.311

Protanopia

14, 10.031, 283.344

Deuteranopia

15, 3.196, 317.610



Tritanopia
14, 16.435, 19.592

Trichromacy



Original Color
14, 20.248, 348.311

Protanomaly
14, 11.652, 315.788

Deuteranomaly
14, 9.269, 338.581

Tritanomaly
14, 16.932, 5.862

Monochromacy



Original Color
14, 20.248, 348.311

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 7.271, 345.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 20.248, 348.311 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(59, 24, 42)` looks like.

```
.text, #text, p{  
    color:rgb(59, 24, 42)  
}
```

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(59, 24, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 24, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 20.248, 348.311 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(59, 24, 42) }
```

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

```
.border{ border-color:rgb(59, 24, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 24, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 24, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 24, 42);  
box-shadow:4px 4px 4px 4px rgb(59, 24, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 20.248, 348.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 24, 42) }
```

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

```
.background{ background-color: rgb(59, 24,  
42) }
```

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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