

Converting Colors

CIELCh(14, 18.645, 5.959)

Have a look what the booklet for
CIELCh(14, 18.645, 5.959) contains.

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Color

CIELCh(14, 18.968, 6.828)

Conversions

Conversions Part 1

Format	Color
Hex	3C1821
RGB	60, 24, 33
RGB Percent	24%, 9%, 13%
CMY	0.7644, 0.9056, 0.8703
CMYK	0.00, 0.60, 0.45, 0.76
HSL	345°, 43%, 17%
HSV	345°, 60%, 24%
XYZ	2.4722, 1.7298, 1.6477
YIQ	35.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

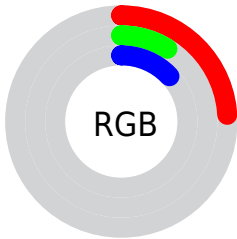
Format	Color
R_{YB}	60, 24, 33
Decimal	3938337
CIE _{Lab}	14.00, 18.83, 2.26
CIE _{LCh}	14, 18.968, 6.828
Yxy	1.7298, 0.4226, 0.2957
Android (android.graphics.Color)	4282128417 (0xFF3C1821)
YUV	35.7900, -1.3755, 21.2322
Hunter-Lab	13.1521, 10.5361, 1.7787

Details

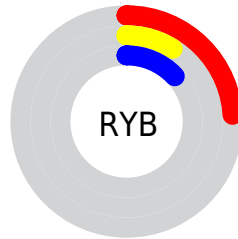
The CIELCh color **14, 18.968, 6.828** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23, 15.706, 174.040**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 19.135, 5.980**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 22.054, 8.997**, and if you desaturate by 10%, it is **16, 15.737, 5.050**.

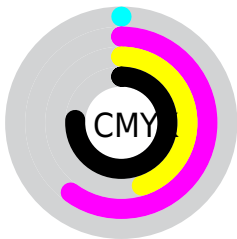
Distribution



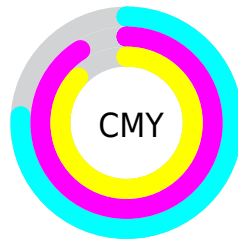
- Red (24%)
- Green (9%)
- Blue (13%)



- Red (24%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (45%)
- Black (76%)



- Cyan (76%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 18.968, 6.828 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, 18.968, 6.828 by changing the saturation by 10% instead.

 14, 18.968, 6.828  14, 18.968, 6.828

 100, 18.968, 6.828  4, 18.968, 6.828

 34, 18.968, 6.828  0, 18.968, 6.828

 44, 18.968, 6.828

 54, 18.968, 6.828

 64, 18.968, 6.828

 74, 18.968, 6.828

 84, 18.968, 6.828

 94, 18.968, 6.828

 14, 18.968, 6.828  14, 18.968, 6.828

■ 13, 22.054, 8.997

■ 16, 15.737, 5.050

■ 11, 24.893, 11.655

■ 17, 12.458, 3.569

■ 10, 27.507, 14.092

■ 19, 9.202, 2.316

■ 9, 30.326, 14.738

■ 21, 6.020, 1.236

■ 9, 30.347, 14.736

■ 23, 2.941, 0.272

■ 25, 0.019, 190.637

■ 27, 2.853, 178.876

■ 30, 5.563, 178.188

■ 32, 8.154, 177.585

Harmonies

Complementary

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



14, 18.968, 6.828



23, 15.706, 174.040

Rectangle

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



14, 18.968, 6.828



14, 18.968, 56.828



14, 18.968, 186.828



14, 18.968, 236.828

Sweetspot

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



14, 18.967, 6.830



29, 6.821, 1.129



14, 27.256, 319.430



13, 4.795, 1.263



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, 18.967, 6.830



17, 28.381, 10.390



16, 16.578, 44.354



10, 1.665, 0.133



18, 42.423, 21.352



47, 81.520, 26.230

Inverse Universe

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



14, 18.967, 6.830



17, 28.381, 10.390



20, 11.400, 230.781



10, 1.665, 0.133



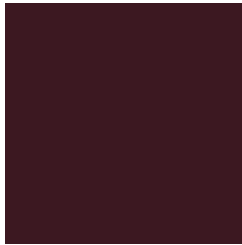
18, 42.423, 21.352



47, 81.520, 26.230

Previews

White Background



This preview shows how the CIE LCh color 14, 18.968, 6.828 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

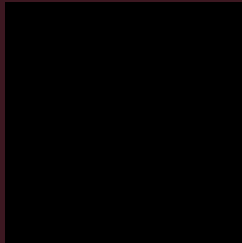
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 18.968, 6.828

Background



This preview shows how black text looks on a background with the CIELCh color 14, 18.968, 6.828.



This preview shows how white text looks on a background with the CIELCh color 14, 18.968, 6.828.

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, 18.968, 6.828

Protanopia

14, 2.845, 290.987

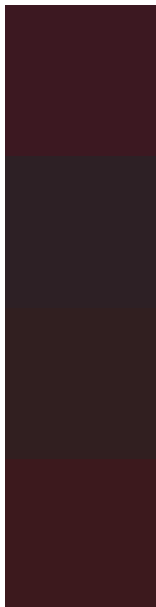
Deuteranopia

14, 4.626, 57.566



Tritanopia
14, 18.679, 21.089

Trichromacy



Original Color

14, 18.968, 6.828

Protanomaly

14, 7.352, 352.707

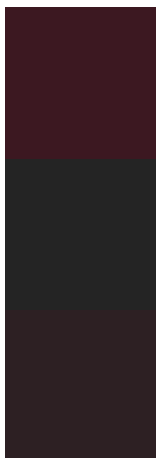
Deuteranomaly

14, 9.386, 17.722

Tritanomaly

14, 18.465, 16.822

Monochromacy



Original Color

14, 18.968, 6.828

Achromatopsia

14, 0.003, 296.813

Achromatomaly

14, 6.888, 3.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 18.968, 6.828 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(60, 24, 33)` looks like.

```
.text, #text, p{  
    color:rgb(60, 24, 33)  
}
```

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(60, 24, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 24, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 18.968, 6.828 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(60, 24, 33) }
```

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

```
.border{ border-color:rgb(60, 24, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 24, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 24, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 24, 33);  
box-shadow:4px 4px 4px 4px rgb(60, 24, 33)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 18.968, 6.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 24, 33) }
```

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

```
.background{ background-color: rgb(60, 24,  
33) }
```

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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