

Converting Colors

CIELCh(14, 18.740, 2.537)

Have a look what the booklet for
CIELCh(14, 18.740, 2.537) contains.

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Color

CIELCh(14, 18.704, 1.863)

Conversions

Conversions Part 1

Format	Color
Hex	3B1823
RGB	59, 24, 35
RGB Percent	23%, 9%, 14%
CMY	0.7673, 0.9047, 0.8616
CMYK	0.00, 0.59, 0.41, 0.77
HSL	341°, 42%, 16%
HSV	341°, 59%, 23%
XYZ	2.4652, 1.7298, 1.8178
YIQ	35.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

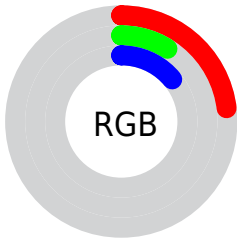
Format	Color
R_YB	59, 24, 35
Decimal	3872803
CIE _{Lab}	14.00, 18.69, 0.61
CIE _{LCh}	14, 18.704, 1.863
Yxy	1.7298, 0.4100, 0.2877
Android (android.graphics.Color)	4282062883 (0xFF3B1823)
YUV	35.7190, -0.3545, 20.4174
Hunter-Lab	13.1521, 10.4415, 1.0118

Details

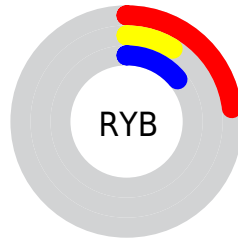
The CIELCh color **14, 18.704, 1.863** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22, 16.199, 169.457**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 18.945, 1.798**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 21.695, 3.849**, and if you desaturate by 10%, it is **16, 15.534, 0.221**.

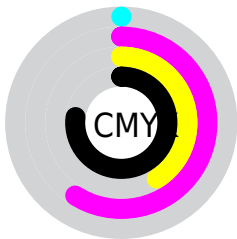
Distribution



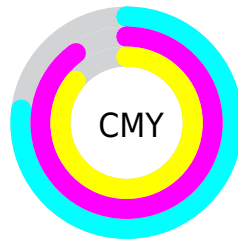
- Red (23%)
- Green (9%)
- Blue (14%)



- Red (23%)
- Yellow (9%)
- Blue (14%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (77%)



- Cyan (77%)
- Magenta (90%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 18.704, 1.863 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, 18.704, 1.863 by changing the saturation by 10% instead.

 14, 18.704, 1.863  14, 18.704, 1.863

 100, 18.704, 1.863  4, 18.704, 1.863

 34, 18.704, 1.863  0, 18.704, 1.863

 44, 18.704, 1.863

 54, 18.704, 1.863

 64, 18.704, 1.863

 74, 18.704, 1.863

 84, 18.704, 1.863

 94, 18.704, 1.863

 14, 18.704, 1.863  14, 18.704, 1.863

13, 21.695, 3.849

16, 15.534, 0.221

11, 24.399, 6.274

17, 12.286,
358.837

10, 26.859, 9.011

19, 9.037, 357.651

9, 29.608, 10.488

21, 5.838, 356.615

9, 29.893, 10.548

23, 2.725, 355.674

25, 0.285, 175.650

27, 3.183, 174.287

29, 5.967, 173.603

31, 8.641, 172.994

Harmonies

Complementary

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



14, 18.704, 1.863



22, 16.199, 169.457

Rectangle

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



14, 18.704, 1.863



14, 18.704, 51.863



14, 18.704, 181.863



14, 18.704, 231.863

Sweetspot

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



14, 18.703, 1.865



28, 6.823, 356.593



13, 26.384, 317.326



12, 4.662, 356.700



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, 18.703, 1.865



17, 27.365, 5.036



15, 16.713, 38.491



10, 1.717, 355.623



18, 41.412, 15.793



47, 78.726, 20.611

Inverse Universe

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



14, 18.703, 1.865



17, 27.365, 5.036



20, 11.306, 220.565



10, 1.717, 355.623



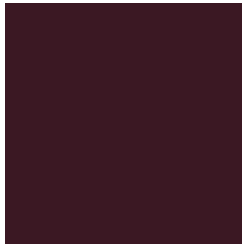
18, 41.412, 15.793



47, 78.726, 20.611

Previews

White Background



This preview shows how the CIELCh color 14, 18.704, 1.863 looks on a white background.

Color Contrast Check

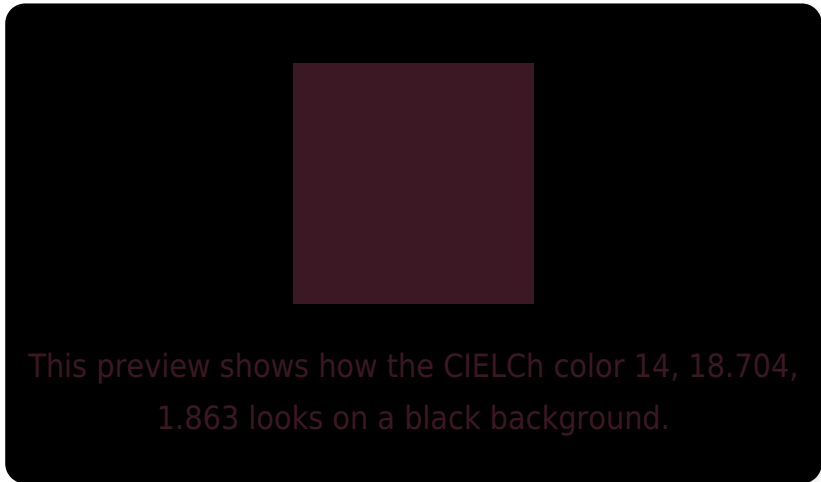
Large Text (above 18pt) WCAG AA ✓ Pass

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

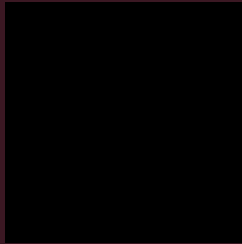
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 18.704, 1.863

Background



This preview shows how black text looks on a background with the CIELCh color 14, 18.704, 1.863.



This preview shows how white text looks on a background with the CIELCh color 14, 18.704, 1.863.

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, 18.704, 1.863

Protanopia

14, 4.282, 285.211

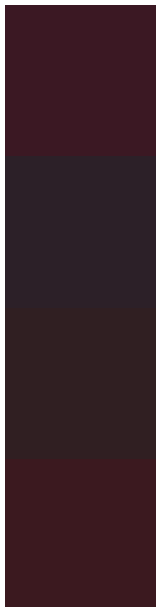
Deuteranopia

14, 3.117, 33.151



Tritanopia
14, 17.556, 20.351

Trichromacy



Original Color

14, 18.704, 1.863

Protanomaly

14, 8.124, 337.273

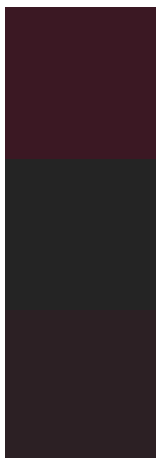
Deuteranomaly

14, 8.914, 8.260

Tritanomaly

14, 17.879, 11.922

Monochromacy



Original Color

14, 18.704, 1.863

Achromatopsia

14, 0.003, 296.813

Achromatomaly

14, 6.625, 355.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 18.704, 1.863 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(59, 24, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 24, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 18.704, 1.863 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, 35) }
```

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

```
.border{ border-color:rgb(59, 24, 35) }
```

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, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 24, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 24, 35);  
box-shadow:4px 4px 4px 4px rgb(59, 24, 35)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 18.704, 1.863 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, 35) }
```

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

```
.background{ background-color: rgb(59, 24,  
35) }
```

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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