

Converting Colors

CIELCh(31, 6.269, 355.014)

Have a look what the booklet for
CIELCh(31, 6.269, 355.014) contains.

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Color

CIELCh(31, 5.903, 354.937)

Conversions

Conversions Part 1

Format	Color
Hex	52464A
RGB	82, 70, 74
RGB Percent	32%, 27%, 29%
CMY	0.6788, 0.7258, 0.7102
CMYK	0.00, 0.15, 0.10, 0.68
HSL	340°, 8%, 30%
HSV	340°, 15%, 32%
XYZ	6.8887, 6.6515, 7.3829
YIQ	74.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

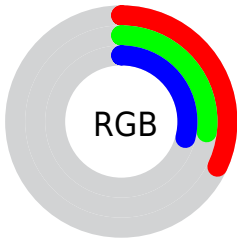
Format	Color
R_{YB}	82, 70, 74
Decimal	5391946
CIE Lab	31.00, 5.88, -0.52
CIE LCh	31, 5.903, 354.937
Yxy	6.6515, 0.3292, 0.3179
Android (android.graphics.Color)	4283582026 (0xFF52464A)
YUV	74.0440, -0.0217, 6.9774
Hunter-Lab	25.7905, 2.5441, 1.0807

Details

The CIELCh color **31, 5.903, 354.937** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 5.705, 172.499**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 6.020, 351.194**, and **11, 5.569, 358.090** is the 20% darker color. If you saturate the color by 10%, you get **28, 10.084, 355.983**, and if you desaturate by 10%, it is **34, 1.841, 353.950**.

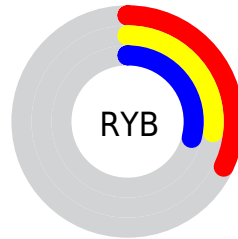
Distribution



Red (32%)

Green (27%)

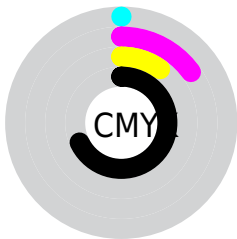
Blue (29%)



Red (32%)

Yellow (27%)

Blue (29%)

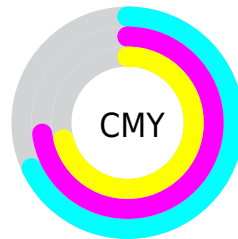


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (68%)



Cyan (68%)

Magenta (73%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 5.903, 354.937 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 31, 5.903, 354.937 by changing the saturation by 10% instead.

■ 31, 5.903, 354.937

■ 31, 5.903, 354.937

■ 100, 5.903,
354.937

■ 21, 5.903, 354.937

■ 51, 5.903, 354.937

■ 11, 5.903, 354.937

■ 61, 5.903, 354.937

■ 1, 5.903, 354.937

■ 71, 5.903, 354.937

■ 0, 5.903, 354.937

■ 81, 5.903, 354.937

■ 91, 5.903, 354.937

■ 31, 5.903, 354.937

■ 31, 5.903, 354.937

■ 28, 10.084,
355.983

■ 34, 1.841, 353.950

26, 14.344,
357.169

36, 2.076, 173.397

24, 18.610,
358.554

39, 5.840, 172.597

42, 9.452, 171.924

21, 22.776, 0.203

44, 12.917,
171.316

20, 26.700, 2.205

47, 16.245,
170.759

18, 30.216, 4.672

16, 33.170, 7.737

50, 19.444,
170.246

15, 35.732, 11.211

52, 22.525,
169.771

15, 37.259, 12.877

55, 25.499,
169.329

Harmonies

Complementary

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



31, 5.903, 354.937



34, 5.705, 172.499

Rectangle

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



31, 5.903, 354.937



31, 5.903, 44.937



31, 5.903, 174.937



31, 5.903, 224.937

Sweetspot

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



31, 5.902, 354.943



44, 1.977, 353.891



31, 8.410, 315.217



21, 1.390, 353.949



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



31, 5.902, 354.943



39, 9.111, 355.344



31, 4.695, 35.609



15, 2.223, 354.366



20, 44.365, 14.806



49, 80.794, 18.956

Inverse Universe

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



31, 5.902, 354.943



39, 9.111, 355.344



33, 4.305, 215.952



15, 2.223, 354.366



20, 44.365, 14.806



49, 80.794, 18.956

Previews

White Background



This preview shows how the CIELCh color 31, 5.903, 354.937 looks on a white background.

Color Contrast Check

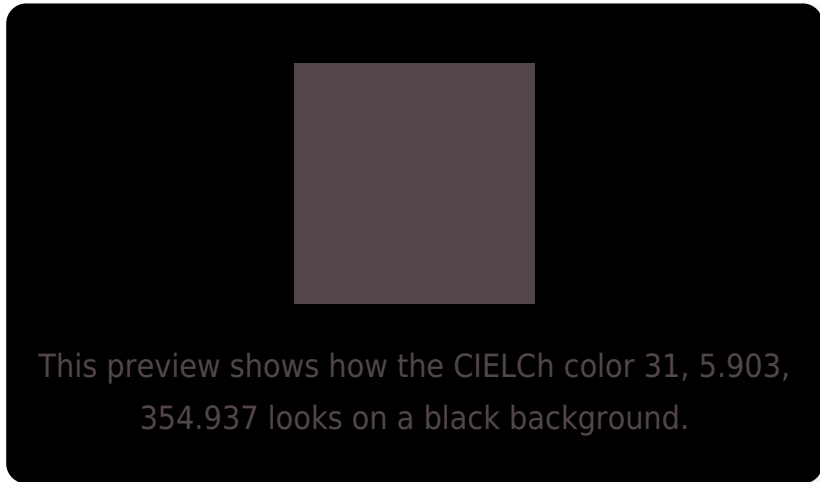
Large Text (above 18pt) WCAG AA ✓ Pass

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

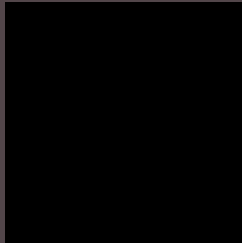
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 5.903, 354.937

Background



This preview shows how black text looks on a background with the CIELCh color 31, 5.903, 354.937.



This preview shows how white text looks on a background with the CIELCh color 31, 5.903, 354.937.

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

31, 5.903, 354.937

Protanopia

31, 1.966, 303.225

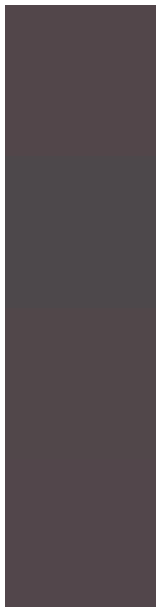
Deuteranopia

31, 4.421, 354.603



Tritanopia
31, 6.186, 349.586

Trichromacy



Original Color

31, 5.903, 354.937

Protanomaly

31, 2.918, 339.005

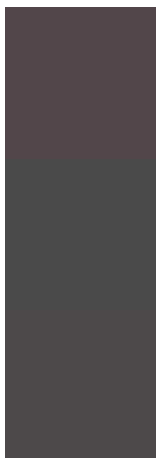
Deuteranomaly

31, 4.828, 356.989

Tritanomaly

31, 6.186, 349.586

Monochromacy



Original Color

31, 5.903, 354.937

Achromatopsia

31, 0.005, 296.813

Achromatomaly

31, 1.876, 359.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 5.903, 354.937 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(82, 70, 74)` looks like.

```
.text, #text, p{  
    color:rgb(82, 70, 74)  
}
```

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(82, 70, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 70, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 5.903, 354.937 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(82, 70, 74) }
```

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

```
.border{ border-color:rgb(82, 70, 74) }
```

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

Here you see how a box with a 4 pixel rgb(82, 70, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 70, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 70, 74);  
box-shadow:4px 4px 4px 4px rgb(82, 70, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 5.903, 354.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 70, 74) }
```

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

```
.background{ background-color: rgb(82, 70,  
74) }
```

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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