

Converting Colors

CIELCh(31, 18.672, 146.230)

Have a look what the booklet for
CIELCh(31, 18.672, 146.230)
contains.

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Color

CIELCh(31, 18.596, 145.579)

Conversions

Conversions Part 1

Format	Color
Hex	354F38
RGB	53, 79, 56
RGB Percent	21%, 31%, 22%
CMY	0.7918, 0.6898, 0.7800
CMYK	0.33, 0.00, 0.29, 0.69
HSL	127°, 20%, 26%
HSV	127°, 33%, 31%
XYZ	4.9919, 6.6515, 4.7737
YIQ	68.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

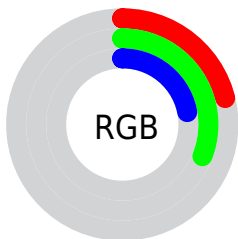
Format	Color
RYB	53, 76, 79
Decimal	3493688
CIELab	31.00, -15.34, 10.51
CIElCh	31, 18.596, 145.579
Yxy	6.6515, 0.3041, 0.4052
Android (android.graphics.Color)	4281683768 (0xFF354F38)
YUV	68.6040, -6.2138, -13.6847
Hunter-Lab	25.7905, -10.5835, 7.0790

Details


The CIELCh color **31, 18.596, 145.579** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 18.622, 329.495**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 18.273, 145.171**, and **11, 18.376, 145.557** is the 20% darker color. If you saturate the color by 10%, you get **30, 24.136, 144.696**, and if you desaturate by 10%, it is **32, 12.945, 146.352**.

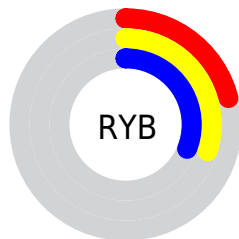
Distribution



 Red (21%)

 Green (31%)

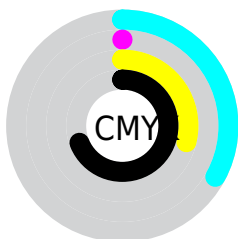
 Blue (22%)




 Red (21%)

 Yellow (30%)

 Blue (31%)

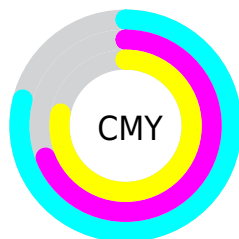



 Cyan (33%)


 Magenta (0%)

 Yellow (29%)

 Black (69%)



 Cyan (79%)


 Magenta (69%)


 Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 18.596, 145.579 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, 18.596, 145.579 by changing the saturation by 10% instead.


 31, 18.596,
145.579


 31, 18.596,
145.579

 100, 18.596,
145.579


 21, 18.596,
145.579

 51, 18.596,
145.579


 11, 18.596,
145.579


 61, 18.596,
145.579

 1, 18.596, 145.579

 71, 18.596,
145.579

 0, 18.596, 145.579

 81, 18.596,
145.579

 91, 18.596,
145.579

■ 31, 18.596,
145.579

■ 31, 18.596,
145.579

■ 30, 24.136,
144.696

■ 32, 12.945,
146.352

■ 30, 29.467,
143.696

■ 33, 7.261, 147.029

■ 29, 34.477,
142.581

■ 33, 1.609, 147.680

■ 34, 3.965, 328.055

■ 29, 39.040,
141.368

■ 35, 9.426, 328.515

■ 29, 43.027,
140.098

■ 36, 14.751,
328.903

■ 29, 46.357,
138.916

■ 38, 19.927,
329.241

■ 28, 48.420,
138.382

■ 39, 24.946,
329.538

■ 40, 29.807,

329.800

Harmonies

Complementary

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



31, 18.596, 145.579



26, 18.622, 329.495

Rectangle

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



31, 18.596, 145.579



31, 18.596, 195.579



31, 18.596, 325.579



31, 18.596, 15.579

Sweetspot

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



31, 18.597, 145.579



42, 6.949, 147.189



33, 16.192, 111.680



21, 4.683, 147.143



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



31, 18.597, 145.579



39, 27.139, 144.929



31, 12.839, 166.515



16, 3.226, 147.287



38, 59.563, 137.804



81, 109.063, 136.938

Inverse Universe

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



26, 18.622, 329.495



32, 27.141, 329.903



26, 13.616, 352.486



15, 3.233, 328.172



23, 55.074, 333.128



54, 98.181, 333.514

Previews

White Background



This preview shows how the CIELCh color 31, 18.596, 145.579 looks on a white background.

Color Contrast Check

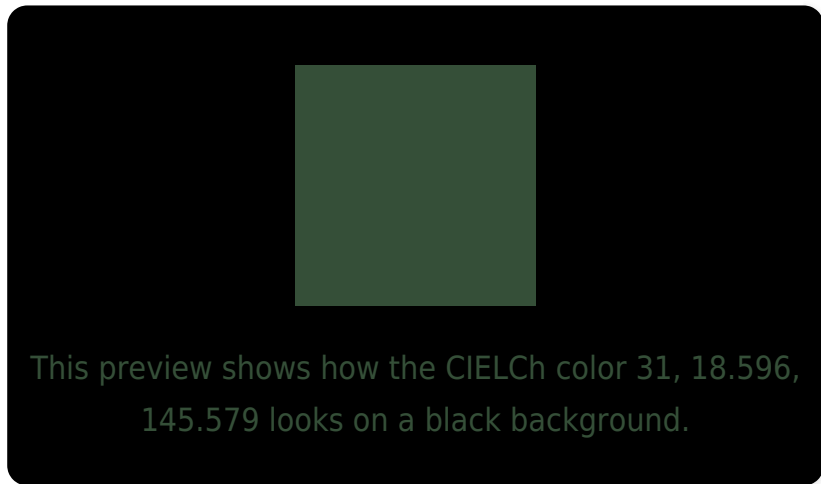
Large Text (above 18pt) WCAG AA ✓ Pass

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

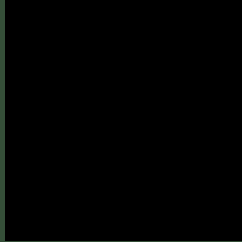
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 18.596, 145.579

Background



This preview shows how black text looks on a background with the CIELCh color 31, 18.596, 145.579.



This preview shows how white text looks on a background with the CIELCh color 31, 18.596, 145.579.

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, 18.596, 145.579

Protanopia

31, 12.851, 97.023

Deuteranopia

31, 10.546, 65.872



Tritanopia
31, 7.978, 227.286

Trichromacy



Original Color
31, 18.596, 145.579

Protanomaly
31, 13.519, 119.773

Deuteranomaly
31, 10.121, 108.284

Tritanomaly
31, 9.121, 181.762

Monochromacy



Original Color
31, 18.596, 145.579

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 7.308, 146.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 18.596, 145.579 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(53, 79, 56)` looks like.

```
.text, #text, p{  
    color:rgb(53, 79, 56)  
}
```

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(53, 79, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 79, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 18.596, 145.579 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(53, 79, 56) }
```

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

```
.border{ border-color:rgb(53, 79, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 79, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 79, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 79, 56);  
box-shadow:4px 4px 4px 4px rgb(53, 79, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 18.596, 145.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 79, 56) }
```

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

```
.background{ background-color: rgb(53, 79,  
56) }
```

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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