

Converting Colors

CIELCh(31, 15.072, 154.493)

Have a look what the booklet for
CIELCh(31, 15.072, 154.493)
contains.

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Color

CIELCh(31, 15.659, 153.727)

Conversions

Conversions Part 1

Format	Color
Hex	354F3E
RGB	53, 79, 62
RGB Percent	21%, 31%, 24%
CMY	0.7931, 0.6912, 0.7578
CMYK	0.33, 0.00, 0.22, 0.69
HSL	141°, 20%, 26%
HSV	141°, 33%, 31%
XYZ	5.0965, 6.6515, 5.5383
YIQ	69.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

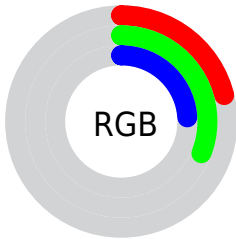
Format	Color
RYB	53, 72, 79
Decimal	3493694
CIELab	31.00, -14.04, 6.93
CIELCh	31, 15.659, 153.727
Yxy	6.6515, 0.2948, 0.3848
Android (android.graphics.Color)	4281683774 (0xFF354F3E)
YUV	69.2880, -3.5930, -14.2846
Hunter-Lab	25.7905, -9.8597, 5.3213

Details

The CIELCh color **31, 15.659, 153.727** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 15.895, 338.510**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 15.397, 155.036**, and **11, 15.146, 154.081** is the 20% darker color. If you saturate the color by 10%, you get **30, 20.281, 152.744**, and if you desaturate by 10%, it is **32, 10.937, 154.597**.

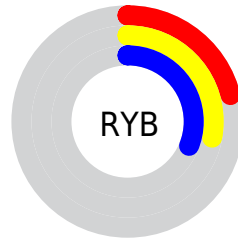
Distribution



 Red (21%)

 Green (31%)

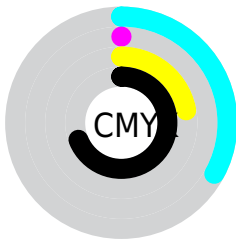
 Blue (24%)



 Red (21%)

 Yellow (28%)

 Blue (31%)

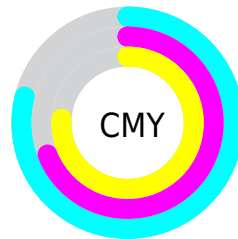


 Cyan (33%)

 Magenta (0%)

 Yellow (22%)

 Black (69%)



 Cyan (79%)


 Magenta (69%)


 Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 15.659, 153.727 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, 15.659, 153.727 by changing the saturation by 10% instead.


 31, 15.659,
153.727


 31, 15.659,
153.727

 100, 15.659,
153.727


 21, 15.659,
153.727

 51, 15.659,
153.727


 11, 15.659,
153.727


 61, 15.659,
153.727

 1, 15.659, 153.727

 71, 15.659,
153.727

 0, 15.659, 153.727

 81, 15.659,
153.727

 91, 15.659,
153.727

■ 31, 15.659,
153.727

■ 31, 15.659,
153.727

■ 30, 20.281,
152.744

■ 32, 10.937,
154.597

■ 30, 24.734,
151.632

■ 32, 6.173, 155.376

■ 29, 28.945,
150.374

■ 33, 1.417, 156.157

■ 34, 3.291, 336.586

■ 29, 32.846,
148.959

■ 35, 7.920, 337.169

■ 29, 36.375,
147.382

■ 36, 12.451,
337.677

■ 29, 39.548,
145.741

■ 37, 16.868,
338.136

■ 28, 41.697,
144.775

■ 38, 21.162,
338.556

■ 39, 25.331,

Harmonies

Complementary

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



31, 15.659, 153.727



26, 15.895, 338.510

Rectangle

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



31, 15.659, 153.727



31, 15.659, 203.727



31, 15.659, 333.727



31, 15.659, 23.727

Sweetspot

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



31, 15.660, 153.726



42, 5.873, 155.572



32, 16.696, 121.399



21, 3.958, 155.518



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, 15.660, 153.726



40, 23.394, 152.907



31, 10.960, 183.173



15, 2.581, 155.700



37, 50.792, 143.942



80, 95.283, 142.341

Inverse Universe

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



26, 15.895, 338.510



32, 23.788, 339.192



25, 12.574, 9.099



14, 2.596, 336.732



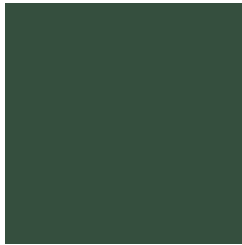
21, 46.312, 346.967



51, 82.686, 348.826

Previews

White Background



This preview shows how the CIELCh color 31, 15.659, 153.727 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



This preview shows how the CIE LCh color 31, 15.659, 153.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

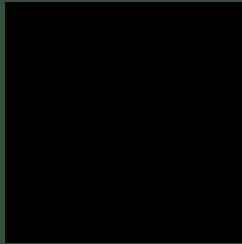
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 15.659, 153.727

Background



This preview shows how black text looks on a background with the CIELCh color 31, 15.659, 153.727.



This preview shows how white text looks on a background with the CIELCh color 31, 15.659, 153.727.

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

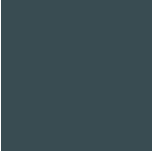
31, 15.659, 153.727

Protanopia

31, 9.055, 96.552

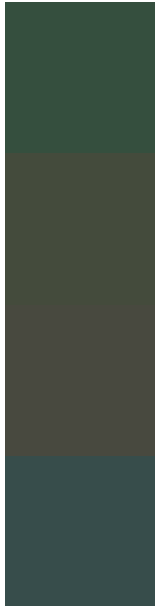
Deuteranopia

31, 7.177, 52.043



Tritanopia
31, 8.298, 226.041

Trichromacy



Original Color
31, 15.659, 153.727

Protanomaly
31, 10.027, 127.065

Deuteranomaly
31, 6.361, 113.115

Tritanomaly
31, 9.096, 189.966

Monochromacy



Original Color
31, 15.659, 153.727

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 6.320, 153.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 15.659, 153.727 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, 62)` looks like.

```
.text, #text, p{  
    color:rgb(53, 79, 62)  
}
```

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, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 79, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 15.659, 153.727 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, 62) }
```

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

```
.border{ border-color:rgb(53, 79, 62) }
```

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, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 79, 62); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 79, 62); box-shadow:4px 4px 4px 4px rgb(53, 79, 62) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 15.659, 153.727 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, 62) }
```

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

```
.background{ background-color: rgb(53, 79,  
62) }
```

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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