

Converting Colors

CIELCh(31, 13.498, 156.024)

Have a look what the booklet for
CIELCh(31, 13.498, 156.024)
contains.

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Color

CIELCh(31, 13.421, 155.983)

Conversions

Conversions Part 1

Format	Color
Hex	374E40
RGB	55, 78, 64
RGB Percent	22%, 31%, 25%
CMY	0.7839, 0.6937, 0.7486
CMYK	0.29, 0.00, 0.18, 0.69
HSL	143°, 17%, 26%
HSV	143°, 29%, 31%
XYZ	5.2424, 6.6515, 5.8743
YIQ	69.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

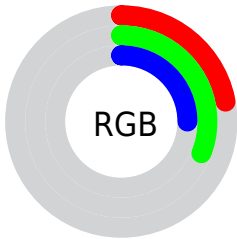
Format	Color
RYB	55, 72, 78
Decimal	3624512
CIELab	31.00, -12.26, 5.46
CIELCh	31, 13.421, 155.983
Yxy	6.6515, 0.2950, 0.3743
Android (android.graphics.Color)	4281814592 (0xFF374E40)
YUV	69.5270, -2.7248, -12.7402
Hunter-Lab	25.7905, -8.8499, 4.5490

Details

The CIELCh color **31, 13.421, 155.983** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 13.668, 340.351**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 13.325, 157.117**, and **11, 13.582, 156.282** is the 20% darker color. If you saturate the color by 10%, you get **30, 17.884, 155.022**, and if you desaturate by 10%, it is **32, 8.877, 156.840**.

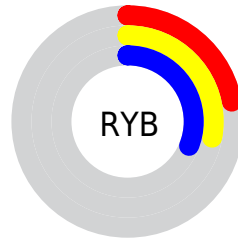
Distribution



Red (22%)

Green (31%)

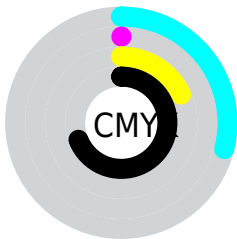
Blue (25%)



Red (22%)

Yellow (28%)

Blue (31%)

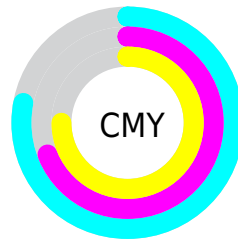


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (69%)



Cyan (78%)

Magenta (69%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 13.421, 155.983 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, 13.421, 155.983 by changing the saturation by 10% instead.

■ 31, 13.421,
155.983

■ 31, 13.421,
155.983

■ 100, 13.421,
155.983

■ 21, 13.421,
155.983

■ 51, 13.421,
155.983

■ 11, 13.421,
155.983

■ 61, 13.421,
155.983

■ 1, 13.421, 155.983

■ 71, 13.421,
155.983

■ 0, 13.421, 155.983

■ 81, 13.421,
155.983

■ 91, 13.421,
155.983

■ 31, 13.421,
155.983

■ 31, 13.421,
155.983

■ 30, 17.884,
155.022

■ 32, 8.877, 156.840

■ 30, 22.202,
153.940

■ 32, 4.304, 157.621

■ 33, 0.253, 337.518

■ 29, 26.310,
152.718

■ 34, 4.759, 338.836

■ 29, 30.141,
151.341

■ 35, 9.187, 339.416

■ 29, 33.638,
149.798

■ 36, 13.519,
339.935

■ 28, 36.767,
148.104

■ 37, 17.741,
340.411

■ 28, 39.752,
146.607

■ 38, 21.848,
340.849

■ 28, 39.915,

■ 39, 25.836,
341.257

146.534

Harmonies

Complementary

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



31, 13.421, 155.983



26, 13.668, 340.351

Rectangle

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



31, 13.421, 155.983



31, 13.421, 205.983



31, 13.421, 335.983



31, 13.421, 25.983

Sweetspot

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



31, 13.422, 155.982



42, 5.111, 157.630



32, 14.969, 123.522



21, 3.508, 157.566



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, 13.422, 155.982



40, 19.826, 155.337



31, 9.565, 187.671



15, 2.497, 157.684



37, 48.925, 145.646



80, 91.835, 143.981

Inverse Universe

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



26, 13.668, 340.351



33, 20.255, 340.928



26, 10.989, 12.489



14, 2.515, 338.758



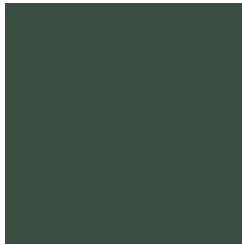
21, 45.237, 350.366



50, 80.820, 352.610

Previews

White Background



This preview shows how the CIELCh color 31, 13.421, 155.983 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 CIELCh color 31, 13.421, 155.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

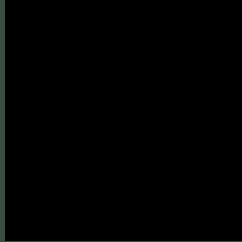
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 13.421, 155.983

Background



This preview shows how black text looks on a background with the CIELCh color 31, 13.421, 155.983.



This preview shows how white text looks on a background with the CIELCh color 31, 13.421, 155.983.

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

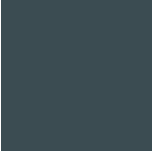
31, 13.421, 155.983

Protanopia

31, 7.821, 94.980

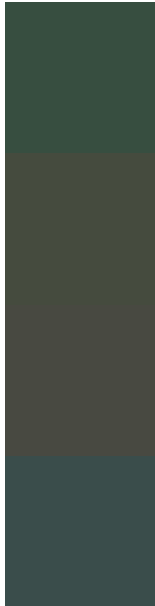
Deuteranopia

31, 6.094, 44.673



Tritanopia
31, 7.658, 228.646

Trichromacy



Original Color
31, 13.421, 155.983

Protanomaly
31, 8.680, 126.996

Deuteranomaly
31, 5.100, 114.327

Tritanomaly
31, 7.977, 189.008

Monochromacy



Original Color
31, 13.421, 155.983

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 4.777, 156.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 13.421, 155.983 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(55, 78, 64)` looks like.

```
.text, #text, p{  
    color:rgb(55, 78, 64)  
}
```

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(55, 78, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 78, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 13.421, 155.983 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(55, 78, 64) }
```

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

```
.border{ border-color:rgb(55, 78, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 78, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 78, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 78, 64);  
box-shadow:4px 4px 4px 4px rgb(55, 78, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 13.421, 155.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 78, 64) }
```

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

```
.background{ background-color: rgb(55, 78,  
64) }
```

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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