

Converting Colors

CIELCh(31, 17.922, 144.568)

Have a look what the booklet for
CIELCh(31, 17.922, 144.568)
contains.

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Color

CIELCh(31, 18.337, 144.644)

Conversions

Conversions Part 1

Format	Color
Hex	364F38
RGB	54, 79, 56
RGB Percent	21%, 31%, 22%
CMY	0.7884, 0.6904, 0.7806
CMYK	0.32, 0.00, 0.29, 0.69
HSL	125°, 19%, 26%
HSV	125°, 32%, 31%
XYZ	5.0228, 6.6515, 4.7536
YIQ	68.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

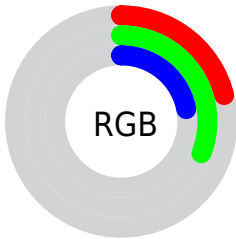
Format	Color
RYB	54, 77, 79
Decimal	3559224
CIELab	31.00, -14.96, 10.61
CIELCh	31, 18.337, 144.644
Yxy	6.6515, 0.3057, 0.4049
Android (android.graphics.Color)	4281749304 (0xFF364F38)
YUV	68.9030, -6.3612, -13.0699
Hunter-Lab	25.7905, -10.3701, 7.1252

Details

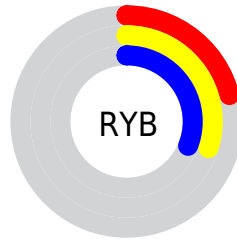
The CIELCh color **31, 18.337, 144.644** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 18.351, 328.314**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 18.033, 144.229**, and **11, 18.155, 144.794** is the 20% darker color. If you saturate the color by 10%, you get **30, 24.023, 143.788**, and if you desaturate by 10%, it is **32, 12.546, 145.394**.

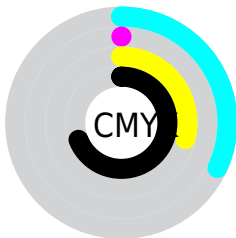
Distribution



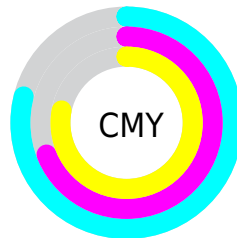
- Red (21%)
- Green (31%)
- Blue (22%)



- Red (21%)
- Yellow (30%)
- Blue (31%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (69%)





- Cyan (79%)
- Magenta (69%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 18.337, 144.644 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, 18.337, 144.644 by changing the saturation by 10% instead.


 31, 18.337,
144.644


 31, 18.337,
144.644

 100, 18.337,
144.644


 21, 18.337,
144.644

 51, 18.337,
144.644


 11, 18.337,
144.644


 61, 18.337,
144.644

 1, 18.337, 144.644

 71, 18.337,
144.644

 0, 18.337, 144.644

 81, 18.337,
144.644

 91, 18.337,
144.644

■ 31, 18.337,
144.644

■ 31, 18.337,
144.644

■ 30, 24.023,
143.788

■ 32, 12.546,
145.394

■ 30, 29.500,
142.820

■ 33, 6.729, 146.051

■ 29, 34.649,
141.745

■ 33, 0.951, 146.740

■ 34, 4.740, 327.045

■ 29, 39.333,
140.588

■ 35, 10.310,
327.481

■ 29, 43.404,
139.397

■ 37, 15.738,
327.850

■ 29, 46.742,
138.296

■ 38, 21.011,
328.170

■ 28, 49.170,
137.684

■ 39, 26.123,
328.450

■ 40, 31.072,
328.695

Harmonies

Complementary

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



31, 18.337, 144.644



26, 18.351, 328.314

Rectangle

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



31, 18.337, 144.644



31, 18.337, 194.644



31, 18.337, 324.644



31, 18.337, 14.644

Sweetspot

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



31, 18.338, 144.644



42, 6.407, 146.195



33, 15.555, 110.324



21, 4.398, 146.144



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, 18.338, 144.644



40, 27.121, 143.997



31, 12.682, 164.670



15, 3.129, 146.238



37, 59.259, 137.292



80, 109.141, 136.564

Inverse Universe

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



26, 18.351, 328.314



32, 27.109, 328.712



26, 13.316, 350.249



14, 3.136, 327.091



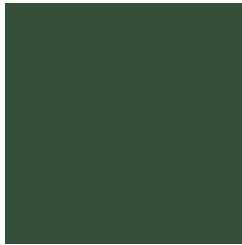
22, 55.570, 331.495



53, 100.133, 331.751

Previews

White Background



This preview shows how the CIELCh color 31, 18.337, 144.644 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, 18.337, 144.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

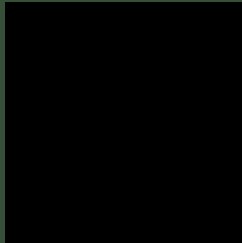
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 18.337, 144.644

Background



This preview shows how black text looks on a background with the CIELCh color 31, 18.337, 144.644.



This preview shows how white text looks on a background with the CIELCh color 31, 18.337, 144.644.

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

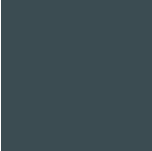
31, 18.337, 144.644

Protanopia

31, 12.851, 97.023

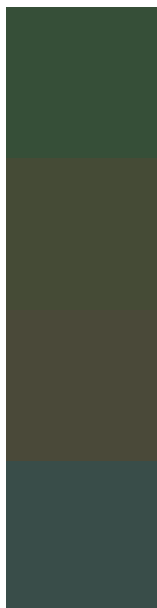
Deuteranopia

31, 10.546, 65.872



Tritanopia
31, 7.658, 228.646

Trichromacy



Original Color
31, 18.337, 144.644

Protanomaly
31, 13.519, 119.773

Deuteranomaly
31, 10.129, 105.622

Tritanomaly
31, 8.753, 181.126

Monochromacy



Original Color
31, 18.337, 144.644

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 7.042, 143.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 18.337, 144.644 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(54, 79, 56)` looks like.

```
.text, #text, p{  
    color:rgb(54, 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(54, 79, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 79, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 18.337, 144.644 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(54, 79, 56) }
```

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

```
.border{ border-color:rgb(54, 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(54, 79, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 79, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 79, 56);  
box-shadow:4px 4px 4px 4px rgb(54, 79, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 18.337, 144.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 79, 56) }
```

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

```
.background{ background-color: rgb(54, 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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