

Converting Colors

CIELCh(31, 25.987, 154.770)

Have a look what the booklet for
CIELCh(31, 25.987, 154.770)
contains.

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Color

CIELCh(31, 25.961, 154.852)

Conversions

Conversions Part 1

Format	Color
Hex	225237
RGB	34, 82, 55
RGB Percent	13%, 32%, 22%
CMY	0.8666, 0.6784, 0.7843
CMYK	0.59, 0.00, 0.33, 0.68
HSL	146°, 41%, 23%
HSV	146°, 59%, 32%
XYZ	4.3673, 6.6515, 4.6688
YIQ	64.5700, -19.9410, -18.5730

Conversions

Conversions Part 2

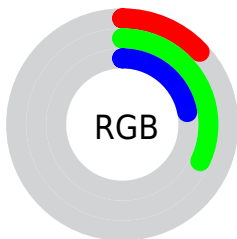
Format	Color
R_{YB}	34, 67, 82
Decimal	2249271
CIE _{Lab}	31.00, -23.50, 11.03
CIE _{LCh}	31, 25.961, 154.852
Yxy	6.6515, 0.2784, 0.4240
Android (android.graphics.Color)	4280439351 (0xFF225237)
YUV	64.5700, -4.7180, -26.8099
Hunter-Lab	25.7905, -14.9066, 7.3202

Details

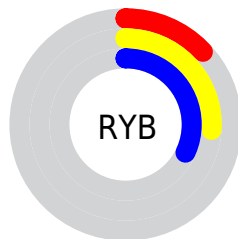
The CIELCh color **31, 25.961, 154.852** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21, 26.873, 345.757**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 26.003, 154.857**, and **12, 23.487, 149.616** is the 20% darker color. If you saturate the color by 10%, you get **31, 29.784, 153.454**, and if you desaturate by 10%, it is **31, 21.857, 156.093**.

Distribution



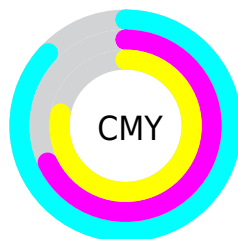
- Red (13%)
- Green (32%)
- Blue (22%)



- Red (13%)
- Yellow (26%)
- Blue (32%)



- Cyan (59%)
- Magenta (0%)
- Yellow (33%)
- Black (68%)





- Cyan (87%)
- Magenta (68%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 25.961, 154.852 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, 25.961, 154.852 by changing the saturation by 10% instead.


 31, 25.961,
154.852


 31, 25.961,
154.852

 100, 25.961,
154.852


 21, 25.961,
154.852

 51, 25.961,
154.852


 11, 25.961,
154.852


 61, 25.961,
154.852

 1, 25.961, 154.852

 71, 25.961,
154.852

 0, 25.961, 154.852

 81, 25.961,
154.852

 91, 25.961,
154.852

■ 31, 25.961,
154.852

■ 31, 25.961,
154.852

■ 31, 29.784,
153.454

■ 31, 21.857,
156.093

■ 30, 33.268,
151.887

■ 32, 17.536,
157.195

■ 30, 36.375,
150.147

■ 33, 13.064,
158.177

■ 30, 39.307,
148.527

■ 33, 8.504, 159.059

■ 30, 39.735,
148.315

■ 34, 3.909, 159.871

■ 35, 0.674, 340.229

■ 36, 5.210, 341.136

■ 37, 9.672, 341.745

■ 38, 14.039,
342.296

Harmonies

Complementary

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



31, 25.961, 154.852



21, 26.873, 345.757

Rectangle

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



31, 25.961, 154.852



31, 25.961, 204.852



31, 25.961, 334.852



31, 25.961, 24.852

Sweetspot

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



31, 25.961, 154.852



43, 10.297, 159.050



32, 30.572, 124.191



21, 7.071, 158.899



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, 25.961, 154.852



40, 37.570, 152.856



32, 17.357, 190.179



16, 2.550, 159.857



38, 47.829, 147.518



81, 88.859, 145.863

Inverse Universe

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



21, 26.873, 345.757



26, 38.482, 347.740



20, 24.401, 21.052



15, 2.572, 341.000



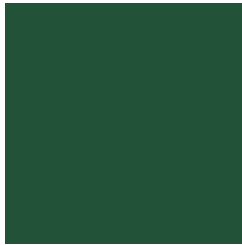
21, 45.088, 354.203



50, 80.006, 356.779

Previews

White Background



This preview shows how the CIELCh color 31, 25.961, 154.852 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, 25.961, 154.852 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, 25.961, 154.852

Background



This preview shows how black text looks on a background with the CIELCh color 31, 25.961, 154.852.



This preview shows how white text looks on a background with the CIELCh color 31, 25.961, 154.852.

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, 25.961, 154.852

Protanopia

31, 14.079, 97.668

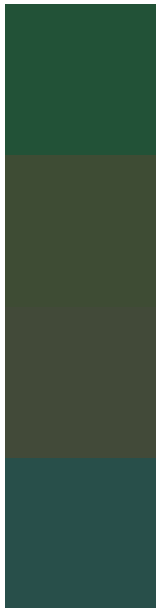
Deuteranopia

31, 10.546, 65.872



Tritanopia
31, 13.254, 217.580

Trichromacy



Original Color
31, 25.961, 154.852

Protanomaly
30, 16.466, 130.638

Deuteranomaly
30, 11.398, 127.078

Tritanomaly
31, 15.302, 185.058

Monochromacy



Original Color
31, 25.961, 154.852

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 9.934, 157.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 25.961, 154.852 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(34, 82, 55)` looks like.

```
.text, #text, p{  
    color:rgb(34, 82, 55)  
}
```

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(34, 82, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 82, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 25.961, 154.852 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(34, 82, 55) }
```

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

```
.border{ border-color:rgb(34, 82, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 82, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 82, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 82, 55);  
box-shadow:4px 4px 4px 4px rgb(34, 82, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 25.961, 154.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 82, 55) }
```

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

```
.background{ background-color: rgb(34, 82,  
55) }
```

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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