

Converting Colors

CIELCh(31, 29.803, 154.869)

Have a look what the booklet for
CIELCh(31, 29.803, 154.869)
contains.

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Color

CIELCh(31, 29.819, 154.556)

Conversions

Conversions Part 1

Format	Color
Hex	195334
RGB	25, 83, 52
RGB Percent	10%, 33%, 20%
CMY	0.9017, 0.6743, 0.7959
CMYK	0.70, 0.00, 0.37, 0.67
HSL	148°, 54%, 21%
HSV	148°, 70%, 33%
XYZ	4.1214, 6.6515, 4.3219
YIQ	62.1240, -24.6170, -21.9370

Conversions

Conversions Part 2

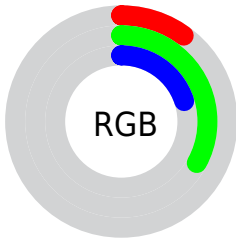
Format	Color
R_YB	25, 65, 83
Decimal	1659700
CIE _{Lab}	31.00, -26.93, 12.81
CIE _{LCh}	31, 29.819, 154.556
Y _{xy}	6.6515, 0.2730, 0.4407
Android (android.graphics.Color)	4279849780 (0xFF195334)
YUV	62.1240, -4.9911, -32.5577
Hunter-Lab	25.7905, -16.6086, 8.1178

Details

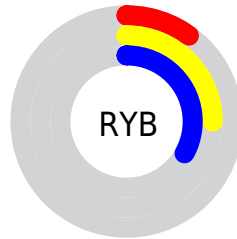
The CIELCh color **31, 29.819, 154.556** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19, 30.960, 349.105**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 29.665, 154.900**, and **12, 26.002, 146.262** is the 20% darker color. If you saturate the color by 10%, you get **31, 33.180, 152.952**, and if you desaturate by 10%, it is **31, 26.114, 155.987**.

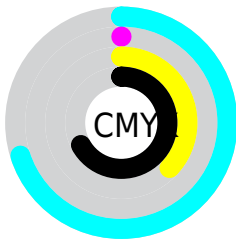
Distribution



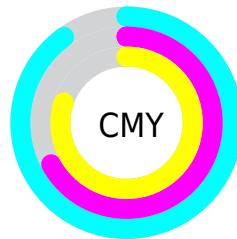
- Red (10%)
- Green (33%)
- Blue (20%)



- Red (10%)
- Yellow (25%)
- Blue (33%)



- Cyan (70%)
- Magenta (0%)
- Yellow (37%)
- Black (67%)





- Cyan (90%)
- Magenta (67%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 29.819, 154.556 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, 29.819, 154.556 by changing the saturation by 10% instead.


 31, 29.819,
154.556


 31, 29.819,
154.556

 100, 29.819,
154.556


 21, 29.819,
154.556

 51, 29.819,
154.556


 11, 29.819,
154.556


 61, 29.819,
154.556

 1, 29.819, 154.556

 71, 29.819,
154.556

 0, 29.819, 154.556

 81, 29.819,
154.556

 91, 29.819,
154.556

■ 31, 29.819,
154.556

■ 31, 29.819,
154.556

■ 31, 33.180,
152.952

■ 31, 26.114,
155.987

■ 30, 36.169,
151.181

■ 32, 22.115,
157.261

■ 30, 39.030,
149.569

■ 32, 17.887,
158.394

■ 30, 39.082,
149.543

■ 33, 13.494,
159.405

■ 34, 8.999, 160.315

■ 34, 4.457, 161.152

■ 35, 0.085, 339.395

■ 36, 4.590, 342.469

■ 37, 9.028, 343.110

Harmonies

Complementary

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



31, 29.819, 154.556



19, 30.960, 349.105

Rectangle

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



31, 29.819, 154.556



31, 29.819, 204.556



31, 29.819, 334.556



31, 29.819, 24.556

Sweetspot

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



31, 29.819, 154.556



43, 11.758, 160.151



32, 36.226, 124.546



21, 7.862, 160.022



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, 29.819, 154.556



40, 42.143, 151.725



32, 19.514, 191.233



16, 2.499, 161.244



38, 46.579, 148.786



81, 86.513, 147.111

Inverse Universe

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



19, 30.960, 349.105



23, 42.439, 352.434



18, 30.056, 25.077



15, 2.523, 342.415



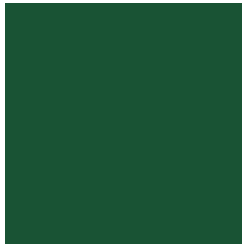
21, 44.649, 356.560



50, 79.359, 359.377

Previews

White Background



This preview shows how the CIELCh color 31, 29.819, 154.556 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, 29.819, 154.556 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, 29.819, 154.556

Background



This preview shows how black text looks on a background with the CIELCh color 31, 29.819, 154.556.



This preview shows how white text looks on a background with the CIELCh color 31, 29.819, 154.556.

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

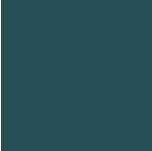
31, 29.819, 154.556

Protanopia

31, 16.001, 96.636

Deuteranopia

31, 12.383, 69.628



Tritanopia
31, 14.763, 212.624

Trichromacy



Original Color
31, 29.819, 154.556

Protanomaly
31, 19.470, 132.368

Deuteranomaly
30, 14.223, 128.753

Tritanomaly
31, 17.977, 182.330

Monochromacy



Original Color
31, 29.819, 154.556

Achromatopsia
26, 0.004, 296.813

Achromatomaly
28, 12.122, 157.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 29.819, 154.556 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(25, 83, 52)` looks like.

```
.text, #text, p{  
    color:rgb(25, 83, 52)  
}
```

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(25, 83, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 83, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 29.819, 154.556 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(25, 83, 52) }
```

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

```
.border{ border-color:rgb(25, 83, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 83, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 83, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 83, 52);  
box-shadow:4px 4px 4px 4px rgb(25, 83, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 29.819, 154.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 83, 52) }
```

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

```
.background{ background-color: rgb(25, 83,  
52) }
```

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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