

Converting Colors

CIELCh(29, 31.672, 143.001)

Have a look what the booklet for
CIELCh(29, 31.672, 143.001)
contains.

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Color

CIELCh(29, 31.657, 143.066)

Conversions

Conversions Part 1

Format	Color
Hex	214E26
RGB	33, 78, 38
RGB Percent	13%, 31%, 15%
CMY	0.8724, 0.6959, 0.8526
CMYK	0.58, 0.00, 0.52, 0.70
HSL	127°, 41%, 22%
HSV	127°, 58%, 30%
XYZ	3.6482, 5.8380, 2.7337
YIQ	59.9850, -13.9800, -21.9800

Conversions

Conversions Part 2

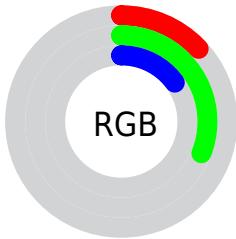
Format	Color
R_YB	33, 74, 78
Decimal	2182694
CIE Lab	29.00, -25.30, 19.02
CIE LCh	29, 31.657, 143.066
Yxy	5.8380, 0.2985, 0.4777
Android (android.graphics.Color)	4280372774 (0xFF214E26)
YUV	59.9850, -10.8386, -23.6658
Hunter-Lab	24.1619, -15.3321, 10.2052

Details

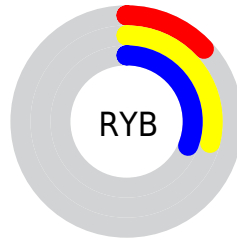
The CIELCh color **29, 31.657, 143.066** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21, 31.413, 330.735**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 31.719, 143.085**, and **10, 25.067, 143.948** is the 20% darker color. If you saturate the color by 10%, you get **29, 36.390, 141.905**, and if you desaturate by 10%, it is **29, 26.548, 144.120**.

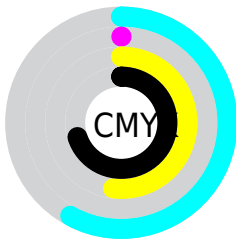
Distribution



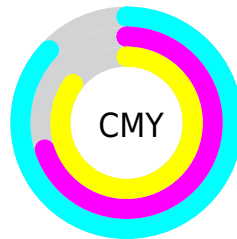
- Red (13%)
- Green (31%)
- Blue (15%)



- Red (13%)
- Yellow (29%)
- Blue (31%)



- Cyan (58%)
- Magenta (0%)
- Yellow (52%)
- Black (70%)





- Cyan (87%)
- Magenta (70%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 31.657, 143.066 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 29, 31.657, 143.066 by changing the saturation by 10% instead.

 29, 31.657,
143.066


 29, 31.657,
143.066

 100, 31.657,
143.066


 19, 31.657,
143.066


 49, 31.657,
143.066


 9, 31.657, 143.066

 59, 31.657,
143.066

 0, 31.657, 143.066

 69, 31.657,
143.066

 79, 31.657,
143.066

 89, 31.657,
143.066

 99, 31.657,

143.066

■ 29, 31.657,
143.066

■ 29, 31.657,
143.066

■ 29, 36.390,
141.905

■ 29, 26.548,
144.120

■ 28, 40.619,
140.666

■ 30, 21.178,
145.058

■ 28, 44.212,
139.405

■ 31, 15.651,
145.881

■ 28, 47.244,
138.492

■ 31, 10.055,
146.602

■ 28, 47.792,
138.368

■ 32, 4.460, 147.241

■ 33, 1.080, 327.614

■ 34, 6.524, 328.194

■ 35, 11.846,
328.612

■ 36, 17.027,
328.972

Harmonies

Complementary

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



29, 31.657, 143.066



21, 31.413, 330.735

Rectangle

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



29, 31.657, 143.066



29, 31.657, 193.066



29, 31.657, 323.066



29, 31.657, 13.066

Sweetspot

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



29, 31.657, 143.066



41, 11.880, 146.629



32, 27.348, 109.962



20, 7.849, 146.570



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29, 31.657, 143.066



38, 46.421, 141.340



29, 21.376, 163.620



15, 3.059, 147.204



37, 58.545, 137.797



80, 108.236, 136.908

Inverse Universe

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



21, 31.413, 330.735



26, 45.391, 331.478



20, 23.581, 355.995



14, 3.066, 328.070



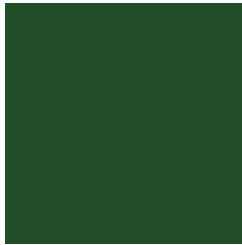
22, 54.258, 332.969



53, 97.604, 333.355

Previews

White Background



This preview shows how the CIELCh color 29, 31.657, 143.066 looks on a white background.

Color Contrast Check

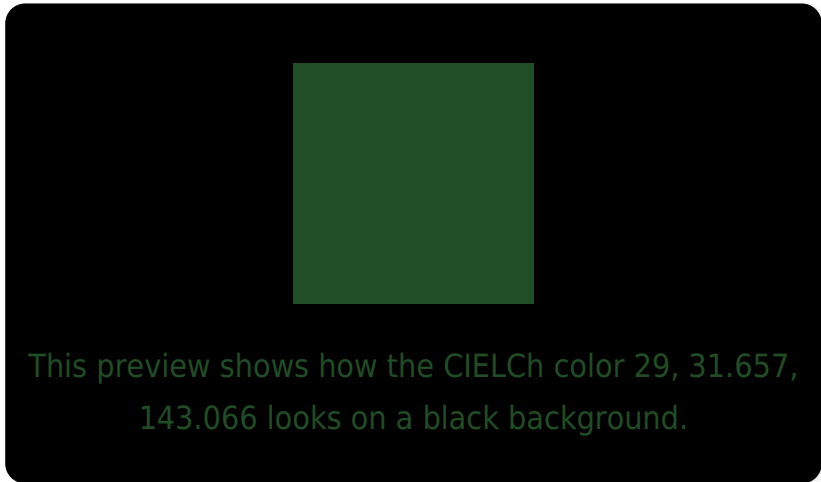
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

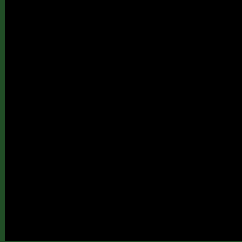
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 31.657, 143.066

Background



This preview shows how black text looks on a background with the CIELCh color 29, 31.657, 143.066.



This preview shows how white text looks on a background with the CIELCh color 29, 31.657, 143.066.

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

29, 31.657, 143.066

Protanopia

29, 21.664, 96.432

Deuteranopia

29, 18.058, 76.606



Tritanopia
29, 11.727, 217.249

Trichromacy



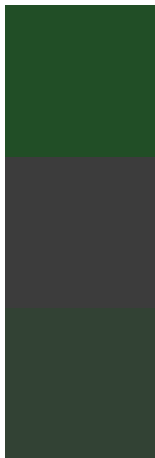
Original Color
29, 31.657, 143.066

Protanomaly
28, 23.096, 119.455

Deuteranomaly
29, 19.043, 113.956

Tritanomaly
29, 16.256, 171.056

Monochromacy



Original Color
29, 31.657, 143.066

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 11.719, 146.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 31.657, 143.066 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(33, 78, 38)` looks like.

```
.text, #text, p{  
    color:rgb(33, 78, 38)  
}
```

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(33, 78, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 78, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 31.657, 143.066 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(33, 78, 38) }
```

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

```
.border{ border-color:rgb(33, 78, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 78, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 78, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 78, 38);  
box-shadow:4px 4px 4px 4px rgb(33, 78, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 31.657, 143.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 78, 38) }
```

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

```
.background{ background-color: rgb(33, 78,  
38) }
```

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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