

Converting Colors

CIELCh(29, 31.465, 147.195)

Have a look what the booklet for
CIELCh(29, 31.465, 147.195)
contains.

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Color

CIELCh(29, 31.421, 147.354)

Conversions

Conversions Part 1

Format	Color
Hex	1B4E29
RGB	27, 78, 41
RGB Percent	11%, 31%, 16%
CMY	0.8942, 0.6942, 0.8393
CMYK	0.65, 0.00, 0.47, 0.69
HSL	136°, 49%, 21%
HSV	136°, 65%, 31%
XYZ	3.5739, 5.8380, 3.0344
YIQ	58.5330, -18.5190, -22.3190

Conversions

Conversions Part 2

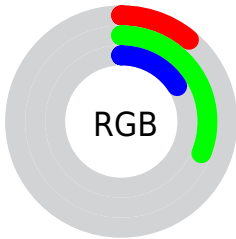
Format	Color
R_{YB}	27, 67, 78
Decimal	1789481
CIE _{Lab}	29.00, -26.46, 16.95
CIE _{LCh}	29, 31.421, 147.354
Yxy	5.8380, 0.2871, 0.4691
Android (android.graphics.Color)	4279979561 (0xFF1B4E29)
YUV	58.5330, -8.6438, -27.6544
Hunter-Lab	24.1619, -15.8809, 9.4675

Details

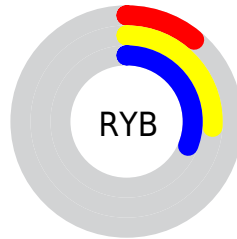
The CIELCh color **29, 31.421, 147.354** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19, 31.288, 337.865**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 31.481, 147.283**, and **10, 25.067, 143.948** is the 20% darker color. If you saturate the color by 10%, you get **29, 35.437, 145.953**, and if you desaturate by 10%, it is **29, 27.055, 148.607**.

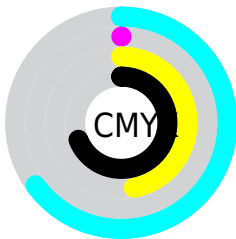
Distribution



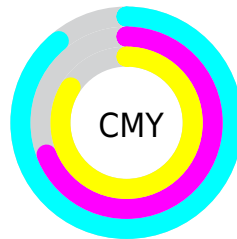
- Red (11%)
- Green (31%)
- Blue (16%)



- Red (11%)
- Yellow (26%)
- Blue (31%)



- Cyan (65%)
- Magenta (0%)
- Yellow (47%)
- Black (69%)





- Cyan (89%)
- Magenta (69%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 31.421, 147.354 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, 31.421, 147.354 by changing the saturation by 10% instead.

 29, 31.421,
147.354


 29, 31.421,
147.354

 100, 31.421,
147.354


 19, 31.421,
147.354


 49, 31.421,
147.354


 9, 31.421, 147.354

 59, 31.421,
147.354

 0, 31.421, 147.354

 69, 31.421,
147.354

 79, 31.421,
147.354

 89, 31.421,
147.354

 99, 31.421,

147.354

■ 29, 31.421,
147.354

■ 29, 31.421,
147.354

■ 29, 35.437,
145.953

■ 29, 27.055,
148.607

■ 28, 39.030,
144.413

■ 30, 22.418,
149.716

■ 28, 42.264,
142.934

■ 30, 17.591,
150.693

■ 28, 43.690,
142.386

■ 31, 12.649,
151.552

■ 32, 7.658, 152.312

■ 33, 2.673, 153.016

■ 34, 2.262, 333.466

■ 35, 7.114, 334.039

■ 36, 11.860,
334.515

Harmonies

Complementary

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



29, 31.421, 147.354



19, 31.288, 337.865

Rectangle

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



29, 31.421, 147.354



29, 31.421, 197.354



29, 31.421, 327.354



29, 31.421, 17.354

Sweetspot

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



29, 31.421, 147.354



41, 12.429, 151.917



31, 31.196, 117.192



20, 8.375, 151.805



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, 31.421, 147.354



38, 45.110, 145.122



30, 20.424, 174.369



15, 2.721, 152.788



37, 53.580, 141.576



80, 100.279, 140.122

Inverse Universe

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



19, 31.288, 337.865



24, 43.695, 339.337



18, 25.659, 9.905



14, 2.733, 333.757



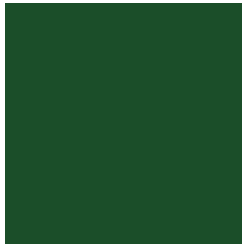
21, 48.379, 342.019



51, 86.447, 343.323

Previews

White Background



This preview shows how the CIELCh color 29, 31.421, 147.354 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 29, 31.421, 147.354 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 29, 31.421, 147.354

Background



This preview shows how black text looks on a background with the CIELCh color 29, 31.421, 147.354.



This preview shows how white text looks on a background with the CIELCh color 29, 31.421, 147.354.

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, 31.421, 147.354

Protanopia
29, 19.896, 96.015

Deuteranopia
29, 16.109, 75.364



Tritanopia
29, 13.143, 214.879

Trichromacy



Original Color
29, 31.421, 147.354

Protanomaly
29, 22.340, 123.830

Deuteranomaly
28, 17.521, 119.664

Tritanomaly
29, 16.719, 176.485

Monochromacy



Original Color
29, 31.421, 147.354

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 12.579, 150.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 31.421, 147.354 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(27, 78, 41)` looks like.

```
.text, #text, p{  
    color:rgb(27, 78, 41)  
}
```

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(27, 78, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 78, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 31.421, 147.354 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(27, 78, 41) }
```

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

```
.border{ border-color:rgb(27, 78, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 78, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 78, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 78, 41);  
box-shadow:4px 4px 4px 4px rgb(27, 78, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 31.421, 147.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 78, 41) }
```

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

```
.background{ background-color: rgb(27, 78,  
41) }
```

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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