

Converting Colors

CIELCh(29, 32.501, 146.686)

Have a look what the booklet for
CIELCh(29, 32.501, 146.686)
contains.

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Color

CIELCh(29, 32.564, 146.326)

Conversions

Conversions Part 1

Format	Color
Hex	1A4E27
RGB	26, 78, 39
RGB Percent	10%, 31%, 15%
CMY	0.8974, 0.6936, 0.8465
CMYK	0.67, 0.00, 0.50, 0.69
HSL	135°, 50%, 20%
HSV	135°, 67%, 31%
XYZ	3.5329, 5.8380, 2.8714
YIQ	58.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

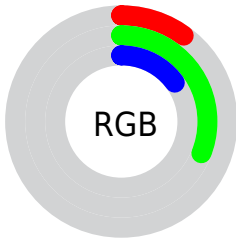
Format	Color
R_{YB}	26, 68, 78
Decimal	1723943
CIE _{Lab}	29.00, -27.10, 18.06
CIE _{LCh}	29, 32.564, 146.326
Yxy	5.8380, 0.2886, 0.4769
Android (android.graphics.Color)	4279914023 (0xFF1A4E27)
YUV	58.0060, -9.3700, -28.0693
Hunter-Lab	24.1619, -16.1837, 9.8674

Details

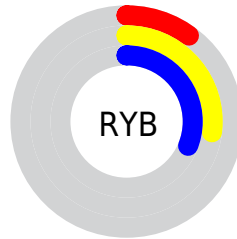
The CIELCh color **29, 32.564, 146.326** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19, 32.285, 336.795**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 32.626, 146.454**, and **10, 25.067, 143.948** is the 20% darker color. If you saturate the color by 10%, you get **29, 36.612, 144.930**, and if you desaturate by 10%, it is **29, 28.143, 147.581**.

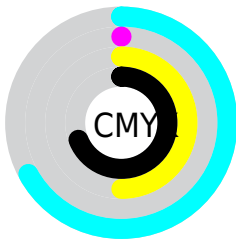
Distribution



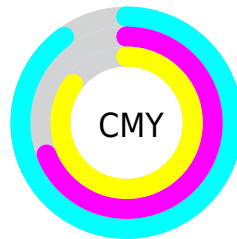
- Red (10%)
- Green (31%)
- Blue (15%)



- Red (10%)
- Yellow (27%)
- Blue (31%)



- Cyan (67%)
- Magenta (0%)
- Yellow (50%)
- Black (69%)





- Cyan (90%)
- Magenta (69%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 32.564, 146.326 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, 32.564, 146.326 by changing the saturation by 10% instead.

 29, 32.564,
146.326


 29, 32.564,
146.326

 100, 32.564,
146.326


 19, 32.564,
146.326


 49, 32.564,
146.326


 9, 32.564, 146.326

 59, 32.564,
146.326

 0, 32.564, 146.326

 69, 32.564,
146.326

 79, 32.564,
146.326

 89, 32.564,
146.326

 99, 32.564,

146.326

■ 29, 32.564,
146.326

■ 29, 32.564,
146.326

■ 29, 36.612,
144.930

■ 29, 28.143,
147.581

■ 28, 40.209,
143.406

■ 30, 23.432,
148.694

■ 28, 43.444,
142.012

■ 30, 18.518,
149.673

■ 28, 44.518,
141.626

■ 31, 13.479,
150.534

■ 32, 8.385, 151.293

■ 33, 3.294, 151.984

■ 34, 1.748, 332.422

■ 34, 6.707, 333.008

■ 36, 11.558,
333.477

Harmonies

Complementary

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



29, 32.564, 146.326



19, 32.285, 336.795

Rectangle

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



29, 32.564, 146.326



29, 32.564, 196.326



29, 32.564, 326.326



29, 32.564, 16.326

Sweetspot

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



29, 32.564, 146.326



41, 12.663, 150.984



31, 31.517, 115.678



20, 8.533, 150.873



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, 32.564, 146.326



38, 46.862, 143.963



30, 21.341, 171.591



15, 2.772, 151.839



37, 54.484, 140.851



80, 101.841, 139.462

Inverse Universe

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



19, 32.285, 336.795



23, 45.036, 338.243



18, 26.147, 7.610



14, 2.782, 332.789



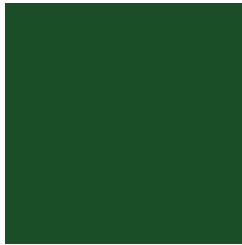
21, 49.190, 340.432



52, 87.957, 341.563

Previews

White Background



This preview shows how the CIELCh color 29, 32.564, 146.326 looks on a white background.

Color Contrast Check

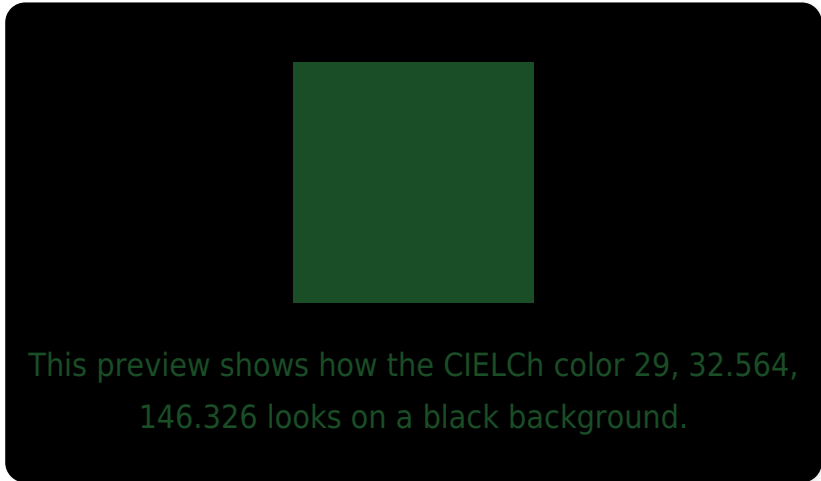
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.564, 146.326

Background



This preview shows how black text looks on a background with the CIELCh color 29, 32.564, 146.326.



This preview shows how white text looks on a background with the CIELCh color 29, 32.564, 146.326.

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, 32.564, 146.326

Protanopia
29, 20.489, 96.169

Deuteranopia
29, 17.222, 77.185



Tritanopia
29, 13.143, 214.879

Trichromacy



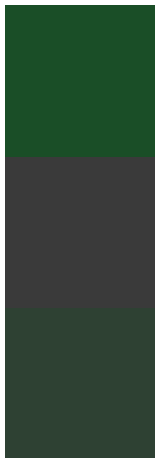
Original Color
29, 32.564, 146.326

Protanomaly
28, 23.061, 124.413

Deuteranomaly
28, 18.714, 118.679

Tritanomaly
29, 17.921, 173.384

Monochromacy



Original Color
29, 32.564, 146.326

Achromatopsia
24, 0.004, 296.813

Achromatomaly
26, 12.610, 150.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 32.564, 146.326 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(26, 78, 39)` looks like.

```
.text, #text, p{  
    color:rgb(26, 78, 39)  
}
```

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(26, 78, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 78, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 32.564, 146.326 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(26, 78, 39) }
```

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

```
.border{ border-color:rgb(26, 78, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 78, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 78, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 78, 39);  
box-shadow:4px 4px 4px 4px rgb(26, 78, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 32.564, 146.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 78, 39) }
```

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

```
.background{ background-color: rgb(26, 78,  
39) }
```

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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