

Converting Colors

CIELCh(30, 32.318, 146.018)

Have a look what the booklet for
CIELCh(30, 32.318, 146.018)
contains.

CIELCh(30, 32.126, 145.822)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(30, 32.126, 145.822)

Conversions

Conversions Part 1

Format	Color
Hex	1E5029
RGB	30, 80, 41
RGB Percent	12%, 31%, 16%
CMY	0.8808, 0.6848, 0.8379
CMYK	0.62, 0.00, 0.49, 0.68
HSL	133°, 45%, 22%
HSV	133°, 62%, 32%
XYZ	3.8488, 6.2359, 3.1294
YIQ	60.6040, -17.2810, -22.7290

Conversions

Conversions Part 2

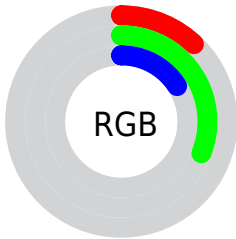
Format	Color
R_{YB}	30, 71, 80
Decimal	1986601
CIE _{Lab}	30.00, -26.58, 18.05
CIE _{LCh}	30, 32.126, 145.822
Yxy	6.2359, 0.2913, 0.4719
Android (android.graphics.Color)	4280176681 (0xFF1E5029)
YUV	60.6040, -9.6648, -26.8397
Hunter-Lab	24.9718, -16.1892, 10.0501

Details

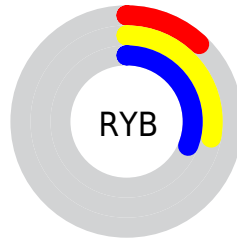
The CIELCh color **30, 32.126, 145.822** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20, 31.909, 335.134**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 32.088, 145.629**, and **11, 25.980, 143.748** is the 20% darker color. If you saturate the color by 10%, you get **30, 36.525, 144.502**, and if you desaturate by 10%, it is **30, 27.362, 147.005**.

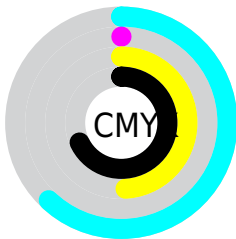
Distribution



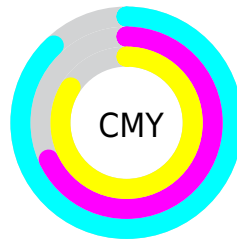
- Red (12%)
- Green (31%)
- Blue (16%)



- Red (12%)
- Yellow (28%)
- Blue (31%)



- Cyan (62%)
- Magenta (0%)
- Yellow (49%)
- Black (68%)





- Cyan (88%)
- Magenta (68%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 32.126, 145.822 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 30, 32.126, 145.822 by changing the saturation by 10% instead.


 30, 32.126,
145.822


 30, 32.126,
145.822

 100, 32.126,
145.822


 20, 32.126,
145.822


 50, 32.126,
145.822


 10, 32.126,
145.822

 60, 32.126,
145.822

 0, 32.126, 145.822

 70, 32.126,
145.822

 80, 32.126,
145.822

 90, 32.126,
145.822

■ 30, 32.126,
145.822

■ 30, 32.126,
145.822

■ 30, 36.525,
144.502

■ 30, 27.362,
147.005

■ 29, 40.466,
143.058

■ 31, 22.327,
148.051

■ 29, 43.902,
141.581

■ 32, 17.113,
148.970

■ 29, 46.371,
140.686

■ 32, 11.801,
149.775

■ 33, 6.460, 150.488

■ 34, 1.148, 151.218

■ 35, 4.093, 331.576

■ 36, 9.232, 332.075

■ 37, 14.247,

Harmonies

Complementary

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



30, 32.126, 145.822



20, 31.909, 335.134

Rectangle

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



30, 32.126, 145.822



30, 32.126, 195.822



30, 32.126, 325.822



30, 32.126, 15.822

Sweetspot

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



30, 32.126, 145.822



42, 12.555, 149.962



32, 30.333, 115.083



21, 8.714, 149.834



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



30, 32.126, 145.822



39, 46.504, 143.724



31, 21.017, 170.864



16, 2.995, 150.718



38, 56.577, 139.977



81, 104.492, 138.727

Inverse Universe

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



20, 31.909, 335.134



25, 45.113, 336.310



19, 25.143, 5.386



15, 3.005, 331.665



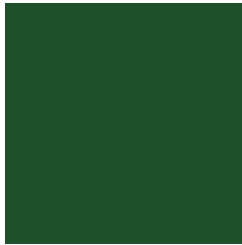
22, 51.091, 338.631



52, 90.661, 339.537

Previews

White Background



This preview shows how the CIE LCh color 30, 32.126, 145.822 looks on a white background.

Color Contrast Check

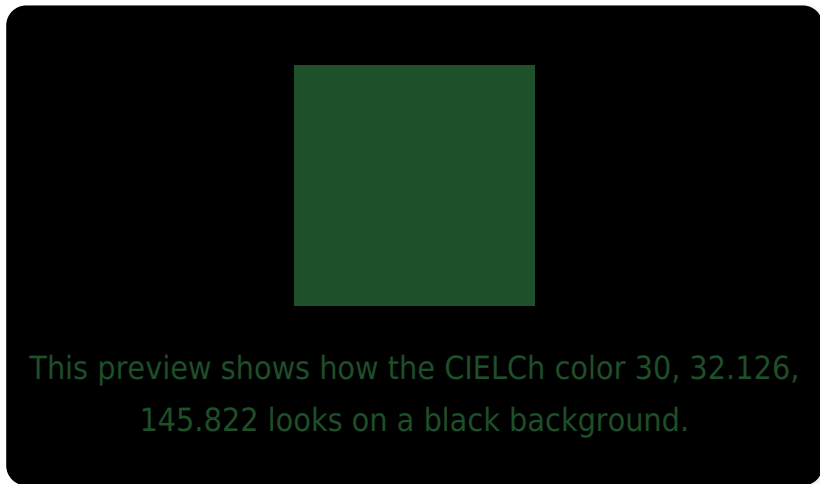
Large Text (above 18pt) WCAG AA ✓ Pass

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 30, 32.126, 145.822

Background



This preview shows how black text looks on a background with the CIELCh color 30, 32.126, 145.822.



This preview shows how white text looks on a background with the CIELCh color 30, 32.126, 145.822.

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

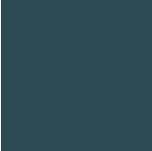
30, 32.126, 145.822

Protanopia

30, 20.961, 96.495

Deuteranopia

30, 16.857, 74.990



Tritanopia
30, 12.876, 215.224

Trichromacy



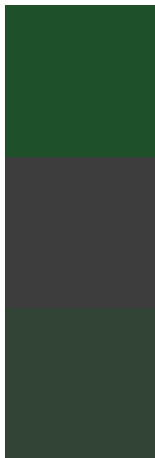
Original Color
30, 32.126, 145.822

Protanomaly
30, 22.676, 122.251

Deuteranomaly
29, 17.940, 117.730

Tritanomaly
30, 17.357, 172.843

Monochromacy



Original Color
30, 32.126, 145.822

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 12.227, 149.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 32.126, 145.822 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(30, 80, 41)` looks like.

```
.text, #text, p{  
    color:rgb(30, 80, 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(30, 80, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 80, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 32.126, 145.822 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(30, 80, 41) }
```

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

```
.border{ border-color:rgb(30, 80, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 80, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 80, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 80, 41);  
box-shadow:4px 4px 4px 4px rgb(30, 80, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 32.126, 145.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 80, 41) }
```

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

```
.background{ background-color: rgb(30, 80,  
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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