

Converting Colors

CIELCh(30, 41.579, 131.157)

Have a look what the booklet for
CIELCh(30, 41.579, 131.157)
contains.

CIELCh(30, 41.579, 131.157)	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, 41.579, 131.157)

Conversions

Conversions Part 1

Format	Color
Hex	265010
RGB	38, 80, 16
RGB Percent	15%, 31%, 6%
CMY	0.8498, 0.6851, 0.9361
CMYK	0.52, 0.00, 0.80, 0.69
HSL	99°, 66%, 19%
HSV	99°, 80%, 31%
XYZ	3.7962, 6.2359, 1.5057
YIQ	60.1460, -4.4880, -28.8080

Conversions

Conversions Part 2

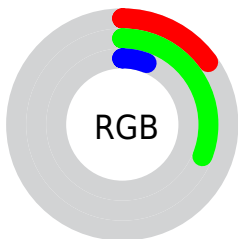
Format	Color
R_{YB}	16, 80, 58
Decimal	2510864
CIE _{Lab}	30.00, -27.36, 31.31
CIE _{LCh}	30, 41.579, 131.157
Yxy	6.2359, 0.3290, 0.5405
Android (android.graphics.Color)	4280700944 (0xFF265010)
YUV	60.1460, -21.7640, -19.4220
Hunter-Lab	24.9718, -16.5655, 13.9053

Details

The CIELCh color **30, 41.579, 131.157** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15, 44.027, 316.940**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 41.749, 131.017**, and **11, 26.856, 143.520** is the 20% darker color. If you saturate the color by 10%, you get **30, 45.103, 131.209**, and if you desaturate by 10%, it is **30, 37.345, 131.348**.

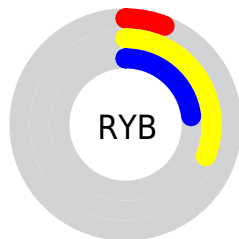
Distribution



Red (15%)

Green (31%)

Blue (6%)



Red (6%)

Yellow (31%)

Blue (23%)

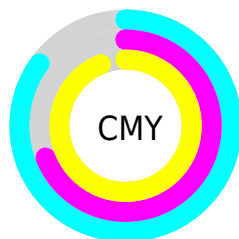


Cyan (52%)

Magenta (0%)

Yellow (80%)

Black (69%)



Cyan (85%)


Magenta (69%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 41.579, 131.157 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, 41.579, 131.157 by changing the saturation by 10% instead.


 30, 41.579,
131.157


 30, 41.579,
131.157

 100, 41.579,
131.157


 20, 41.579,
131.157


 50, 41.579,
131.157


 10, 41.579,
131.157

 60, 41.579,
131.157

 0, 41.579, 131.157

 70, 41.579,
131.157

 80, 41.579,
131.157

 90, 41.579,
131.157

■ 30, 41.579,
131.157

■ 30, 41.579,
131.157

■ 30, 45.103,
131.209

■ 30, 37.345,
131.348

■ 29, 48.532,
131.008

■ 31, 32.573,
131.704

■ 29, 48.642,
130.994

■ 31, 27.434,
132.146

■ 32, 22.060,
132.622

■ 32, 16.549,
133.096

■ 33, 10.974,
133.550

■ 33, 5.386, 133.978

■ 34, 0.174, 313.844

Harmonies

Complementary

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



30, 41.579, 131.157



15, 44.027, 316.940

Rectangle

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



30, 41.579, 131.157



30, 41.579, 181.157



30, 41.579, 311.157



30, 41.579, 1.157

Sweetspot

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



30, 41.579, 131.158



42, 16.642, 133.319



26, 28.965, 79.675



21, 11.525, 133.221



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, 41.579, 131.158



39, 57.389, 131.500



29, 41.407, 141.405



16, 3.146, 134.017



39, 58.766, 131.522



82, 106.576, 132.484

Inverse Universe

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



15, 44.027, 316.940



17, 60.919, 316.614



18, 39.962, 333.381



15, 3.172, 314.642



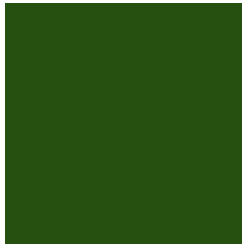
17, 62.484, 316.552



42, 112.554, 315.870

Previews

White Background



This preview shows how the CIELCh color 30, 41.579, 131.157 looks on a white background.

Color Contrast Check

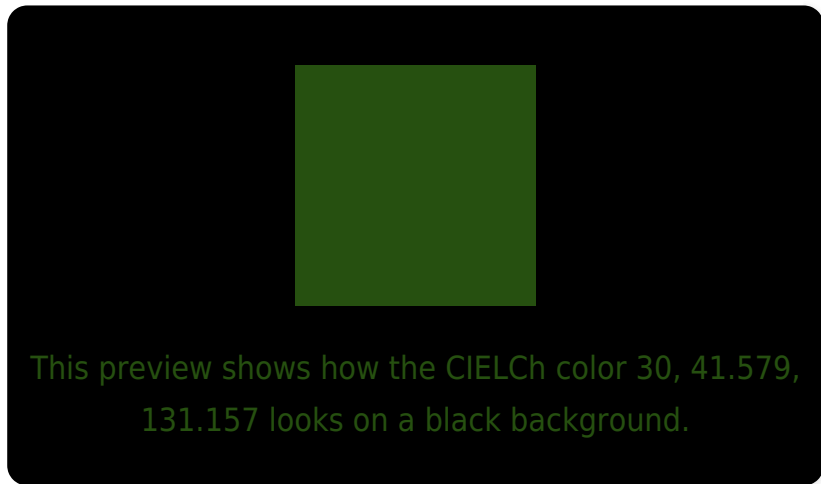
Large Text (above 18pt) WCAG AA ✓ Pass

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

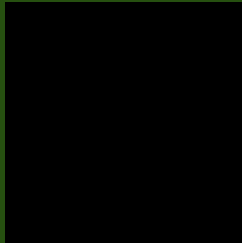
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 41.579, 131.157

Background



This preview shows how black text looks on a background with the CIELCh color 30, 41.579, 131.157.



This preview shows how white text looks on a background with the CIELCh color 30, 41.579, 131.157.

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, 41.579, 131.157

Protanopia

30, 33.443, 96.592

Deuteranopia

30, 29.479, 82.681



Tritanopia
30, 10.518, 219.649

Trichromacy



Original Color
30, 41.579, 131.157

Protanomaly
29, 34.478, 112.369

Deuteranomaly
29, 30.465, 106.332

Tritanomaly
30, 18.828, 154.111

Monochromacy



Original Color
30, 41.579, 131.157

Achromatopsia
25, 0.004, 296.813

Achromatomaly
27, 16.427, 132.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 41.579, 131.157 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(38, 80, 16)` looks like.

```
.text, #text, p{  
    color:rgb(38, 80, 16)  
}
```

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(38, 80, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 80, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 41.579, 131.157 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(38, 80, 16) }
```

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

```
.border{ border-color:rgb(38, 80, 16) }
```

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

Here you see how a box with a 4 pixel rgb(38, 80, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 80, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 80, 16);  
box-shadow:4px 4px 4px 4px rgb(38, 80, 16)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 41.579, 131.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 80, 16) }
```

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

```
.background{ background-color: rgb(38, 80,  
16) }
```

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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