

Converting Colors

CIELCh(28, 35.749, 140.812)

Have a look what the booklet for
CIELCh(28, 35.749, 140.812)
contains.

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Color

CIELCh(28, 35.997, 140.794)

Conversions

Conversions Part 1

Format	Color
Hex	1A4C1D
RGB	26, 76, 29
RGB Percent	10%, 30%, 11%
CMY	0.8986, 0.7025, 0.8867
CMYK	0.66, 0.00, 0.62, 0.70
HSL	124°, 49%, 20%
HSV	124°, 66%, 30%
XYZ	3.2185, 5.4574, 2.0387
YIQ	55.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

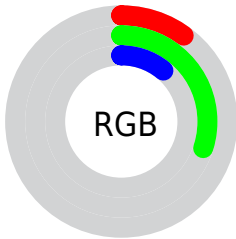
Format	Color
R_{YB}	26, 73, 76
Decimal	1723421
CIE _{Lab}	28.00, -27.89, 22.75
CIE _{LCh}	28, 35.997, 140.794
Yxy	5.4574, 0.3004, 0.5093
Android (android.graphics.Color)	4279913501 (0xFF1A4C1D)
YUV	55.6920, -13.1592, -26.0399
Hunter-Lab	23.3610, -16.2893, 11.1786

Details

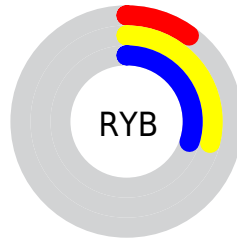
The CIELCh color **28, 35.997, 140.794** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19, 35.518, 329.328**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 36.445, 140.597**, and **10, 24.116, 144.119** is the 20% darker color. If you saturate the color by 10%, you get **28, 40.340, 139.657**, and if you desaturate by 10%, it is **28, 31.129, 141.878**.

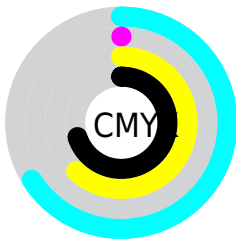
Distribution



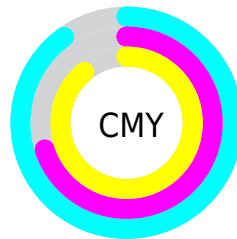
- Red (10%)
- Green (30%)
- Blue (11%)



- Red (10%)
- Yellow (29%)
- Blue (30%)



- Cyan (66%)
- Magenta (0%)
- Yellow (62%)
- Black (70%)





- Cyan (90%)
- Magenta (70%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 35.997, 140.794 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 28, 35.997, 140.794 by changing the saturation by 10% instead.

 28, 35.997,
140.794


 28, 35.997,
140.794

 100, 35.997,
140.794


 18, 35.997,
140.794


 48, 35.997,
140.794


 8, 35.997, 140.794

 58, 35.997,
140.794

 0, 35.997, 140.794

 68, 35.997,
140.794

 78, 35.997,
140.794

 88, 35.997,
140.794

 98, 35.997,

140.794

■ 28, 35.997,
140.794

■ 28, 35.997,
140.794

■ 28, 40.340,
139.657

■ 28, 31.129,
141.878

■ 27, 44.001,
138.533

■ 29, 25.879,
142.872

■ 27, 47.020,
137.669

■ 29, 20.376,
143.760

■ 27, 48.266,
137.338

■ 30, 14.727,
144.542

■ 31, 9.023, 145.226

■ 32, 3.333, 145.839

■ 33, 2.289, 326.246

■ 34, 7.806, 326.726

■ 35, 13.192,
327.113

Harmonies

Complementary

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



28, 35.997, 140.794



19, 35.518, 329.328

Rectangle

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



28, 35.997, 140.794



28, 35.997, 190.794



28, 35.997, 320.794



28, 35.997, 10.794

Sweetspot

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



28, 35.997, 140.794



40, 14.208, 144.905



31, 29.947, 107.117



20, 9.776, 144.800



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



28, 35.997, 140.794



36, 51.409, 138.963



28, 24.478, 159.663



15, 3.172, 145.672



37, 59.698, 136.986



80, 109.575, 136.401

Inverse Universe

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



19, 35.518, 329.328



24, 49.843, 329.952



18, 26.462, 353.900



14, 3.179, 326.518



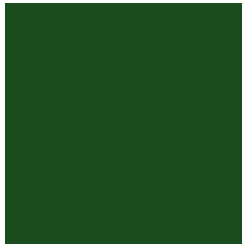
23, 56.384, 330.647



54, 101.706, 330.833

Previews

White Background



This preview shows how the CIE LCh color 28, 35.997, 140.794 looks on a white background.

Color Contrast Check

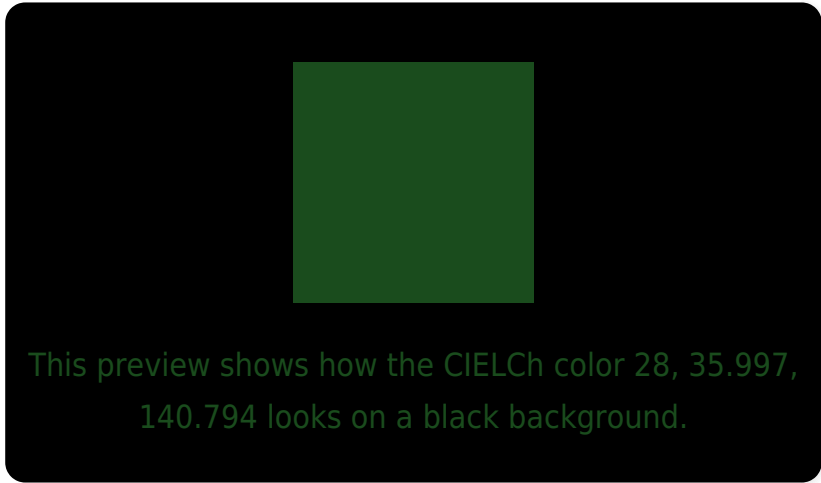
Large Text (above 18pt) WCAG AA ✓ Pass

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

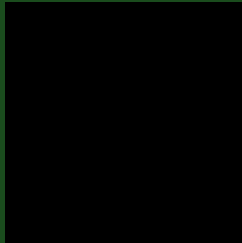
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 35.997, 140.794

Background



This preview shows how black text looks on a background with the CIELCh color 28, 35.997, 140.794.



This preview shows how white text looks on a background with the CIELCh color 28, 35.997, 140.794.

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](#).

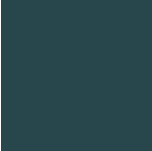
Dichromacy



Original Color
28, 35.997, 140.794

Protanopia
28, 25.240, 95.618

Deuteranopia
28, 21.517, 80.371



Tritanopia
28, 12.299, 216.308

Trichromacy



Original Color
28, 35.997, 140.794

Protanomaly
28, 27.362, 119.867

Deuteranomaly
27, 22.792, 114.609

Tritanomaly
28, 17.878, 168.536

Monochromacy



Original Color
28, 35.997, 140.794

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 13.952, 144.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 35.997, 140.794 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, 76, 29)` looks like.

```
.text, #text, p{  
    color:rgb(26, 76, 29)  
}
```

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, 76, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 76, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 35.997, 140.794 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, 76, 29) }
```

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

```
.border{ border-color:rgb(26, 76, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 76, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 76, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 76, 29);  
box-shadow:4px 4px 4px 4px rgb(26, 76, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 35.997, 140.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 76, 29) }
```

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

```
.background{ background-color: rgb(26, 76,  
29) }
```

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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