

Converting Colors

CIELCh(28, 35.427, 141.585)

Have a look what the booklet for
CIELCh(28, 35.427, 141.585)
contains.

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Color

CIELCh(28, 35.538, 141.319)

Conversions

Conversions Part 1

Format	Color
Hex	1A4C1E
RGB	26, 76, 30
RGB Percent	10%, 30%, 12%
CMY	0.8987, 0.7026, 0.8829
CMYK	0.66, 0.00, 0.61, 0.70
HSL	125°, 49%, 20%
HSV	125°, 66%, 30%
XYZ	3.2275, 5.4574, 2.1019
YIQ	55.8060, -15.0340, -24.9060

Conversions

Conversions Part 2

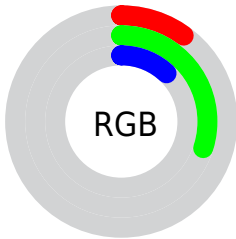
Format	Color
RYB	26, 72, 76
Decimal	1723422
CIELab	28.00, -27.74, 22.21
CIElCh	28, 35.538, 141.319
Yxy	5.4574, 0.2992, 0.5059
Android (android.graphics.Color)	4279913502 (0xFF1A4C1E)
YUV	55.8060, -12.7224, -26.1399
Hunter-Lab	23.3610, -16.2204, 11.0181

Details

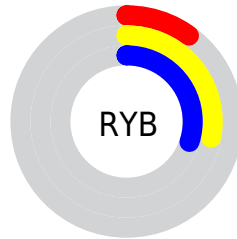
The CIELCh color **28, 35.538, 141.319** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19, 35.045, 330.011**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 35.976, 141.090**, and **10, 24.116, 144.119** is the 20% darker color. If you saturate the color by 10%, you get **28, 39.858, 140.148**, and if you desaturate by 10%, it is **28, 30.719, 142.424**.

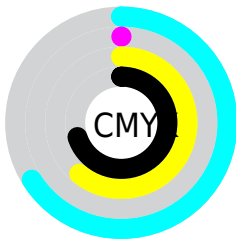
Distribution



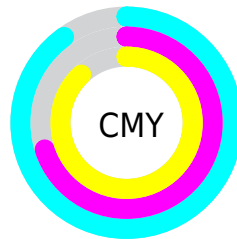
- Red (10%)
- Green (30%)
- Blue (12%)



- Red (10%)
- Yellow (28%)
- Blue (30%)



- Cyan (66%)
- Magenta (0%)
- Yellow (61%)
- Black (70%)





- Cyan (90%)
- Magenta (70%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 35.538, 141.319 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, 35.538, 141.319 by changing the saturation by 10% instead.

 28, 35.538,
141.319


 28, 35.538,
141.319

 100, 35.538,
141.319


 18, 35.538,
141.319


 48, 35.538,
141.319


 8, 35.538, 141.319

 58, 35.538,
141.319

 0, 35.538, 141.319

 68, 35.538,
141.319

 78, 35.538,
141.319

 88, 35.538,
141.319

 98, 35.538,

141.319

■ 28, 35.538,
141.319

■ 28, 35.538,
141.319

■ 28, 39.858,
140.148

■ 28, 30.719,
142.424

■ 27, 43.532,
138.968

■ 29, 25.534,
143.430

■ 27, 46.569,
138.063

■ 29, 20.105,
144.326

■ 27, 47.762,
137.764

■ 30, 14.537,
145.113

■ 31, 8.914, 145.803

■ 32, 3.305, 146.421

■ 33, 2.238, 326.830

■ 34, 7.677, 327.317

■ 35, 12.988,
327.710

Harmonies

Complementary

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



28, 35.538, 141.319



19, 35.045, 330.011

Rectangle

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



28, 35.538, 141.319



28, 35.538, 191.319



28, 35.538, 321.319



28, 35.538, 11.319

Sweetspot

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



28, 35.538, 141.319



40, 14.010, 145.482



31, 29.972, 107.921



20, 9.640, 145.375



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, 35.538, 141.319



36, 50.834, 139.426



28, 24.112, 160.602



15, 3.128, 146.255



37, 59.247, 137.301



80, 109.126, 136.570

Inverse Universe

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



19, 35.045, 330.011



24, 49.160, 330.696



18, 26.293, 355.058



14, 3.135, 327.108



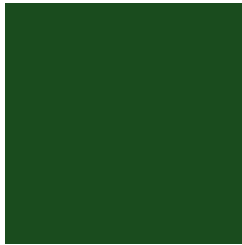
22, 55.547, 331.520



53, 100.088, 331.779

Previews

White Background



This preview shows how the CIELCh color 28, 35.538, 141.319 looks on a white background.

Color Contrast Check

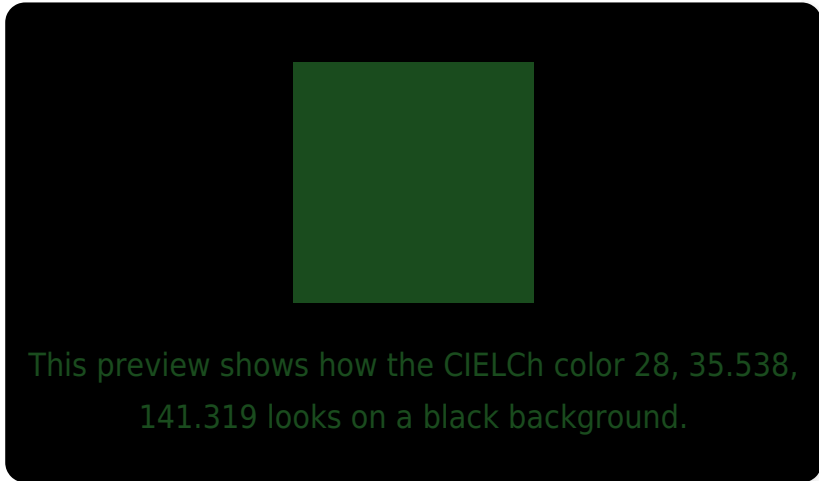
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.538, 141.319

Background



This preview shows how black text looks on a background with the CIELCh color 28, 35.538, 141.319.



This preview shows how white text looks on a background with the CIELCh color 28, 35.538, 141.319.

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, 35.538, 141.319

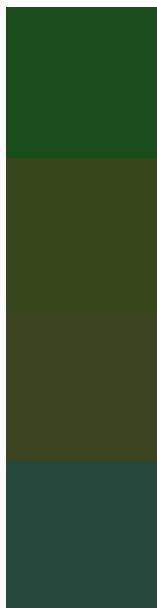
Protanopia
28, 24.593, 96.737

Deuteranopia
28, 20.958, 79.830



Tritanopia
28, 12.299, 216.308

Trichromacy



Original Color
28, 35.538, 141.319

Protanomaly
28, 26.832, 120.236

Deuteranomaly
27, 22.792, 114.609

Tritanomaly
28, 17.878, 168.536

Monochromacy



Original Color
28, 35.538, 141.319

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, 35.538, 141.319 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(26, 76, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 76, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 35.538, 141.319 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, 30) }
```

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

```
.border{ border-color:rgb(26, 76, 30) }
```

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, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 76, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 76, 30);  
box-shadow:4px 4px 4px 4px rgb(26, 76, 30)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 35.538, 141.319 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, 30) }
```

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

```
.background{ background-color: rgb(26, 76,  
30) }
```

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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