

Converting Colors

CIELCh(28, 35.938, 143.701)

Have a look what the booklet for
CIELCh(28, 35.938, 143.701)
contains.

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Color

CIELCh(28, 35.939, 143.399)

Conversions

Conversions Part 1

Format	Color
Hex	154C1F
RGB	21, 76, 31
RGB Percent	8%, 30%, 12%
CMY	0.9167, 0.7012, 0.8777
CMYK	0.72, 0.00, 0.59, 0.70
HSL	131°, 56%, 19%
HSV	131°, 72%, 30%
XYZ	3.1616, 5.4574, 2.1952
YIQ	54.4250, -18.3350, -25.6550

Conversions

Conversions Part 2

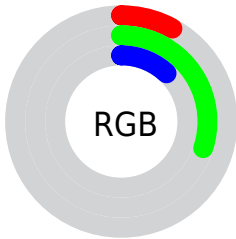
Format	Color
R_{YB}	21, 68, 76
Decimal	1395743
CIE Lab	28.00, -28.85, 21.43
CIE LCh	28, 35.939, 143.399
Yxy	5.4574, 0.2924, 0.5046
Android (android.graphics.Color)	4279585823 (0xFF154C1F)
YUV	54.4250, -11.5485, -29.3137
Hunter-Lab	23.3610, -16.7240, 10.7813

Details

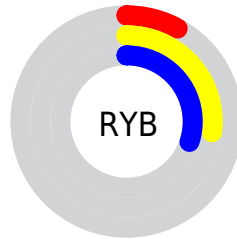
The CIELCh color **28, 35.939, 143.399** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **18, 35.189, 334.171**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 36.378, 143.270**, and **10, 24.116, 144.119** is the 20% darker color. If you saturate the color by 10%, you get **28, 39.807, 142.027**, and if you desaturate by 10%, it is **28, 31.607, 144.667**.

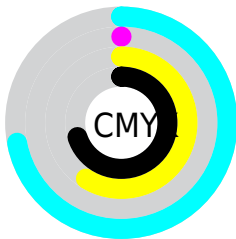
Distribution



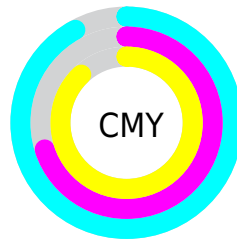
- Red (8%)
- Green (30%)
- Blue (12%)



- Red (8%)
- Yellow (27%)
- Blue (30%)



- Cyan (72%)
- Magenta (0%)
- Yellow (59%)
- Black (70%)





- Cyan (92%)
- Magenta (70%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 35.939, 143.399 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, 35.939, 143.399 by changing the saturation by 10% instead.

 28, 35.939,
143.399


 28, 35.939,
143.399

 100, 35.939,
143.399


 18, 35.939,
143.399


 48, 35.939,
143.399


 8, 35.939, 143.399

 58, 35.939,
143.399

 0, 35.939, 143.399

 68, 35.939,
143.399

 78, 35.939,
143.399

 88, 35.939,
143.399

 98, 35.939,

143.399

■ 28, 35.939,
143.399

■ 28, 35.939,
143.399

■ 28, 39.807,
142.027

■ 28, 31.607,
144.667

■ 28, 43.162,
140.665

■ 29, 26.911,
145.809

■ 27, 45.561,
139.888

■ 29, 21.948,
146.823

■ 30, 16.810,
147.714

■ 31, 11.580,
148.496

■ 31, 6.326, 149.185

■ 32, 1.102, 149.892

■ 33, 4.050, 330.235

■ 34, 9.100, 330.712

Harmonies

Complementary

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



28, 35.939, 143.399



18, 35.189, 334.171

Rectangle

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



28, 35.939, 143.399



28, 35.939, 193.399



28, 35.939, 323.399



28, 35.939, 13.399

Sweetspot

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



28, 35.939, 143.399



40, 14.352, 148.445



31, 32.686, 112.426



20, 9.725, 148.347



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, 35.939, 143.399



36, 51.117, 140.861



29, 23.662, 165.988



15, 2.913, 149.409



37, 56.721, 139.128



80, 105.532, 137.961

Inverse Universe

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



18, 35.189, 334.171



22, 48.133, 335.425



17, 27.718, 3.795



14, 2.922, 330.312



22, 51.606, 336.448



52, 92.523, 337.164

Previews

White Background



This preview shows how the CIELCh color 28, 35.939, 143.399 looks on a white background.

Color Contrast Check

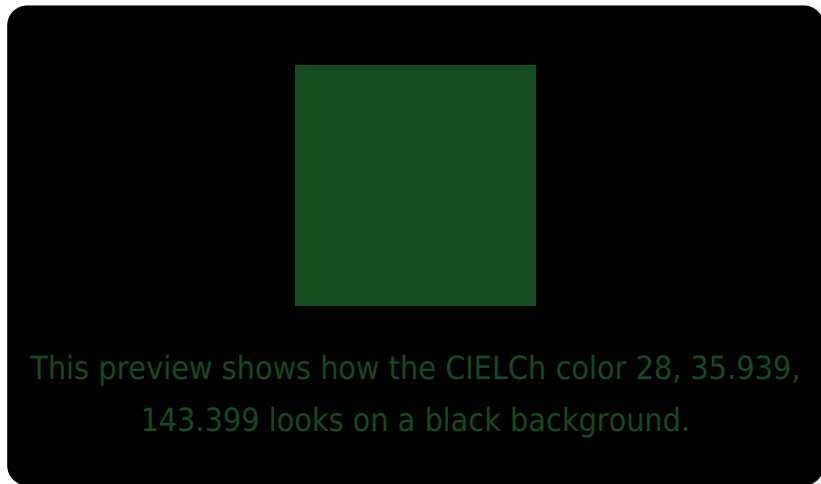
Large Text (above 18pt) WCAG AA ✓ Pass

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

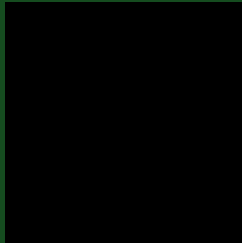
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 35.939, 143.399

Background



This preview shows how black text looks on a background with the CIELCh color 28, 35.939, 143.399.



This preview shows how white text looks on a background with the CIELCh color 28, 35.939, 143.399.

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, 35.939, 143.399

Protanopia

28, 24.034, 96.669

Deuteranopia

28, 20.398, 79.250



Tritanopia
28, 13.121, 214.997

Trichromacy



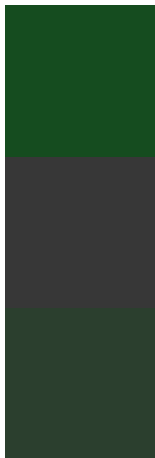
Original Color
28, 35.939, 143.399

Protanomaly
27, 26.591, 122.574

Deuteranomaly
27, 21.834, 117.795

Tritanomaly
28, 18.672, 169.675

Monochromacy



Original Color
28, 35.939, 143.399

Achromatopsia
23, 0.004, 296.813

Achromatomaly
25, 14.499, 146.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 35.939, 143.399 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(21, 76, 31)` looks like.

```
.text, #text, p{  
    color:rgb(21, 76, 31)  
}
```

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(21, 76, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 76, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 35.939, 143.399 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(21, 76, 31) }
```

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

```
.border{ border-color:rgb(21, 76, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 76, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 76, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 76, 31);  
box-shadow:4px 4px 4px 4px rgb(21, 76, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 35.939, 143.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 76, 31) }
```

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

```
.background{ background-color: rgb(21, 76,  
31) }
```

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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