

Converting Colors

CIELCh(28, 27.888, 143.840)

Have a look what the booklet for
CIELCh(28, 27.888, 143.840)
contains.

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Color

CIELCh(28, 27.564, 144.151)

Conversions

Conversions Part 1

Format	Color
Hex	234A28
RGB	35, 74, 40
RGB Percent	14%, 29%, 16%
CMY	0.8615, 0.7086, 0.8420
CMYK	0.52, 0.00, 0.46, 0.71
HSL	128°, 36%, 21%
HSV	128°, 52%, 29%
XYZ	3.5614, 5.4574, 2.8988
YIQ	58.4630, -12.3300, -18.8420

Conversions

Conversions Part 2

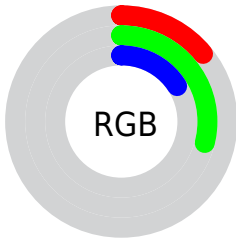
Format	Color
R_{YB}	35, 70, 74
Decimal	2312744
CIE _{Lab}	28.00, -22.34, 16.14
CIE _{LCh}	28, 27.564, 144.151
Yxy	5.4574, 0.2988, 0.4579
Android (android.graphics.Color)	4280502824 (0xFF234A28)
YUV	58.4630, -9.1023, -20.5771
Hunter-Lab	23.3610, -13.6697, 8.9957

Details

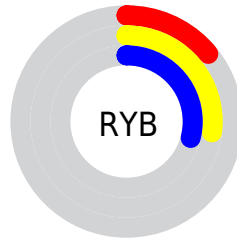
The CIELCh color **28, 27.564, 144.151** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **21, 27.461, 330.954**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 27.228, 144.279**, and **9, 22.100, 144.361** is the 20% darker color. If you saturate the color by 10%, you get **28, 32.320, 143.048**, and if you desaturate by 10%, it is **29, 22.523, 145.138**.

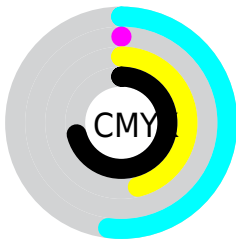
Distribution



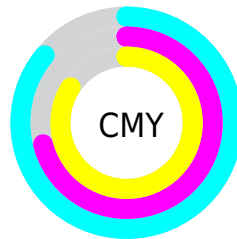
- Red (14%)
- Green (29%)
- Blue (16%)



- Red (14%)
- Yellow (27%)
- Blue (29%)



- Cyan (52%)
- Magenta (0%)
- Yellow (46%)
- Black (71%)





- Cyan (86%)
- Magenta (71%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 27.564, 144.151 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, 27.564, 144.151 by changing the saturation by 10% instead.

 28, 27.564,
144.151


 28, 27.564,
144.151

 100, 27.564,
144.151


 18, 27.564,
144.151


 48, 27.564,
144.151


 8, 27.564, 144.151

 58, 27.564,
144.151

 0, 27.564, 144.151

 68, 27.564,
144.151

 78, 27.564,
144.151

 88, 27.564,
144.151

 98, 27.564,

144.151

■ 28, 27.564,
144.151

■ 28, 27.564,
144.151

■ 28, 32.320,
143.048

■ 29, 22.523,
145.138

■ 27, 36.679,
141.841

■ 29, 17.297,
146.008

■ 27, 40.525,
140.563

■ 30, 11.974,
146.770

■ 27, 43.799,
139.364

■ 31, 6.624, 147.440

■ 27, 45.977,
138.786

■ 31, 1.306, 148.102

■ 32, 3.937, 328.457

■ 33, 9.075, 328.914

■ 34, 14.087,
329.301

■ 35, 18.960,
329.640

Harmonies

Complementary

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



28, 27.564, 144.151



21, 27.461, 330.954

Rectangle

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



28, 27.564, 144.151



28, 27.564, 194.151



28, 27.564, 324.151



28, 27.564, 14.151

Sweetspot

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



28, 27.565, 144.151



39, 10.598, 147.173



30, 24.117, 111.098



19, 7.061, 147.113



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



28, 27.565, 144.151



36, 40.369, 142.703



28, 18.627, 165.393



15, 3.027, 147.676



37, 58.179, 138.059



80, 107.726, 137.104

Inverse Universe

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



21, 27.461, 330.954



25, 39.828, 331.650



20, 20.548, 356.169



14, 3.034, 328.550



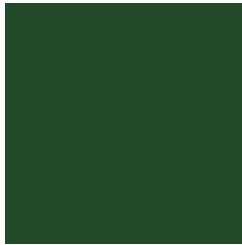
22, 53.651, 333.702



53, 96.436, 334.154

Previews

White Background



This preview shows how the CIELCh color 28, 27.564, 144.151 looks on a white background.

Color Contrast Check

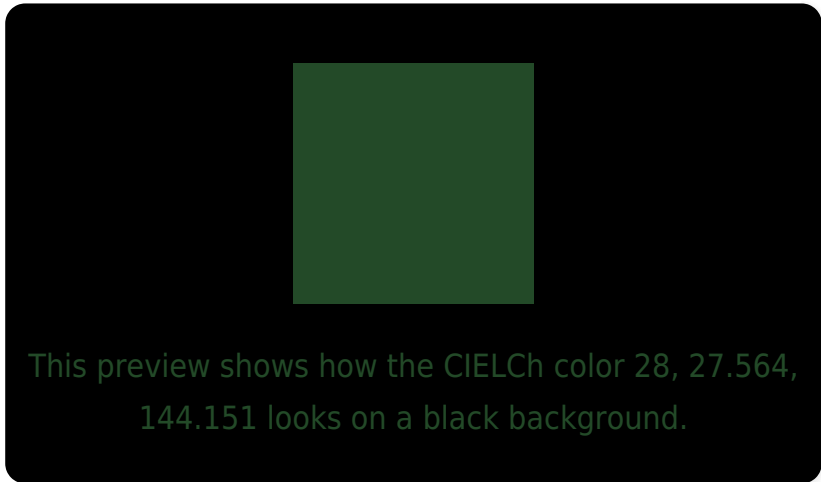
Large Text (above 18pt) WCAG AA ✓ Pass

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

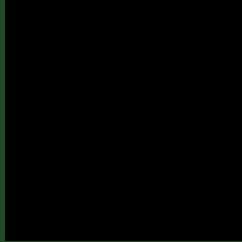
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 27.564, 144.151

Background



This preview shows how black text looks on a background with the CIELCh color 28, 27.564, 144.151.



This preview shows how white text looks on a background with the CIELCh color 28, 27.564, 144.151.

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](#).

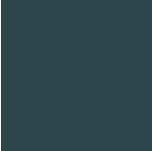
Dichromacy



Original Color
28, 27.564, 144.151

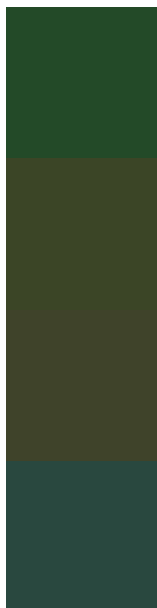
Protanopia
28, 18.680, 97.070

Deuteranopia
28, 15.356, 75.773



Tritanopia
28, 10.542, 219.813

Trichromacy



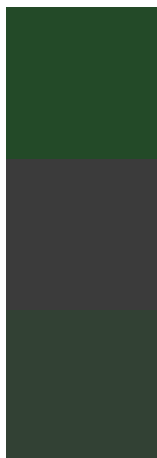
Original Color
28, 27.564, 144.151

Protanomaly
28, 20.168, 120.427

Deuteranomaly
27, 16.049, 114.034

Tritanomaly
28, 14.090, 172.711

Monochromacy



Original Color
28, 27.564, 144.151

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 10.947, 146.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 27.564, 144.151 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(35, 74, 40)` looks like.

```
.text, #text, p{  
    color:rgb(35, 74, 40)  
}
```

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(35, 74, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 74, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 27.564, 144.151 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(35, 74, 40) }
```

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

```
.border{ border-color:rgb(35, 74, 40) }
```

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

Here you see how a box with a 4 pixel rgb(35, 74, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 74, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 74, 40);  
box-shadow:4px 4px 4px 4px rgb(35, 74, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 27.564, 144.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 74, 40) }
```

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

```
.background{ background-color: rgb(35, 74,  
40) }
```

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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