

Converting Colors

CIELCh(28, 17.042, 165.085)

Have a look what the booklet for
CIELCh(28, 17.042, 165.085)
contains.

CIELCh(28, 17.156, 164.928)	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(28, 17.156, 164.928)

Conversions

Conversions Part 1

Format	Color
Hex	26493B
RGB	38, 73, 59
RGB Percent	15%, 29%, 23%
CMY	0.8518, 0.7146, 0.7695
CMYK	0.48, 0.00, 0.19, 0.71
HSL	156°, 32%, 22%
HSV	156°, 48%, 29%
XYZ	3.9431, 5.4574, 4.9543
YIQ	60.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

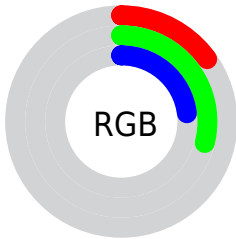
Format	Color
R_{YB}	38, 60, 73
Decimal	2509115
CIE _{Lab}	28.00, -16.57, 4.46
CIE _{LCh}	28, 17.156, 164.928
Yxy	5.4574, 0.2747, 0.3802
Android (android.graphics.Color)	4280699195 (0xFF26493B)
YUV	60.9390, -0.9559, -20.1175
Hunter-Lab	23.3610, -10.7527, 3.7788

Details

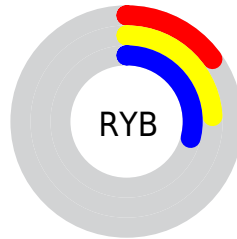
The CIELCh color **28, 17.156, 164.928** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20, 18.658, 354.372**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 17.377, 164.685**, and **9, 15.381, 160.167** is the 20% darker color. If you saturate the color by 10%, you get **28, 20.312, 163.703**, and if you desaturate by 10%, it is **28, 13.798, 166.034**.

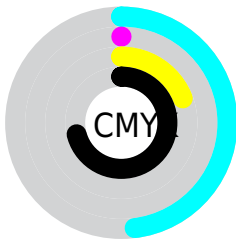
Distribution



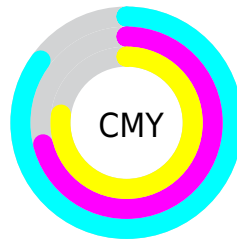
- Red (15%)
- Green (29%)
- Blue (23%)



- Red (15%)
- Yellow (24%)
- Blue (29%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (71%)




- Cyan (85%)
- Magenta (71%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 17.156, 164.928 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, 17.156, 164.928 by changing the saturation by 10% instead.

 28, 17.156,
164.928


 28, 17.156,
164.928

 100, 17.156,
164.928


 18, 17.156,
164.928


 48, 17.156,
164.928


 8, 17.156, 164.928

 58, 17.156,
164.928

 0, 17.156, 164.928

 68, 17.156,
164.928

 78, 17.156,
164.928

 88, 17.156,
164.928

 98, 17.156,

164.928

■ 28, 17.156,
164.928

■ 28, 17.156,
164.928

■ 28, 20.312,
163.703

■ 28, 13.798,
166.034

■ 27, 23.216,
162.344

■ 29, 10.286,
167.043

■ 27, 25.831,
160.833

■ 30, 6.669, 167.973

■ 30, 2.991, 168.859

■ 27, 28.137,
159.164

■ 31, 0.711, 349.270

■ 27, 30.369,
157.631

■ 32, 4.405, 350.256

■ 26, 30.802,
157.367

■ 33, 8.067, 350.966

■ 34, 11.678,
351.624

■ 35, 15.224,
352.243

Harmonies

Complementary

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



28, 17.156, 164.928



20, 18.658, 354.372

Rectangle

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



28, 17.156, 164.928



28, 17.156, 214.928



28, 17.156, 344.928



28, 17.156, 34.928

Sweetspot

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



28, 17.156, 164.927



39, 6.411, 168.289



28, 24.112, 130.472



19, 4.461, 168.184



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, 17.156, 164.927



36, 25.026, 163.425



27, 12.008, 208.654



14, 2.028, 168.816



37, 38.920, 156.263



80, 73.481, 154.457

Inverse Universe

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



20, 18.658, 354.372



24, 27.660, 356.285



21, 16.591, 30.998



13, 2.060, 350.050



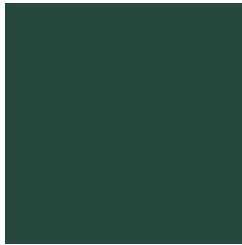
19, 42.343, 8.360



48, 77.778, 12.464

Previews

White Background



This preview shows how the CIELCh color 28, 17.156, 164.928 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



This preview shows how the CIELCh color 28, 17.156, 164.928 looks on a 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, 17.156, 164.928

Background



This preview shows how black text looks on a background with the CIELCh color 28, 17.156, 164.928.



This preview shows how white text looks on a background with the CIELCh color 28, 17.156, 164.928.

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, 17.156, 164.928

Protanopia

28, 7.221, 97.435

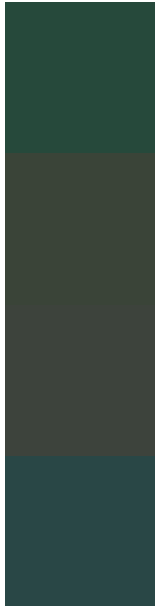
Deuteranopia

28, 5.039, 42.565



Tritanopia
28, 10.844, 219.137

Trichromacy



Original Color
28, 17.156, 164.928

Protanomaly
28, 9.025, 139.030

Deuteranomaly
28, 5.300, 140.060

Tritanomaly
28, 11.803, 194.403

Monochromacy



Original Color
28, 17.156, 164.928

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 6.269, 166.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 17.156, 164.928 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, 73, 59)` looks like.

```
.text, #text, p{  
    color:rgb(38, 73, 59)  
}
```

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, 73, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 73, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 17.156, 164.928 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, 73, 59) }
```

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

```
.border{ border-color:rgb(38, 73, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 73, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 73, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 73, 59);  
box-shadow:4px 4px 4px 4px rgb(38, 73, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 17.156, 164.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 73, 59) }
```

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

```
.background{ background-color: rgb(38, 73,  
59) }
```

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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