

Converting Colors

CIELCh(28, 18.622, 176.061)

Have a look what the booklet for
CIELCh(28, 18.622, 176.061)
contains.

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Color

CIELCh(28, 18.596, 176.123)

Conversions

Conversions Part 1

Format	Color
Hex	1C4A40
RGB	28, 74, 64
RGB Percent	11%, 29%, 25%
CMY	0.8917, 0.7112, 0.7504
CMYK	0.62, 0.00, 0.14, 0.71
HSL	167°, 45%, 20%
HSV	167°, 62%, 29%
XYZ	3.8088, 5.4574, 5.6516
YIQ	59.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

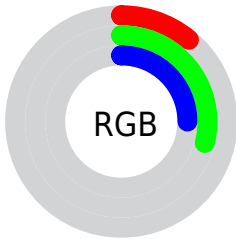
Format	Color
RYB	28, 54, 74
Decimal	1854016
CIELab	28.00, -18.55, 1.26
CIELCh	28, 18.596, 176.123
Yxy	5.4574, 0.2553, 0.3658
Android (android.graphics.Color)	4280044096 (0xFF1C4A40)
YUV	59.1060, 2.4127, -27.2800
Hunter-Lab	23.3610, -11.7788, 2.0091

Details

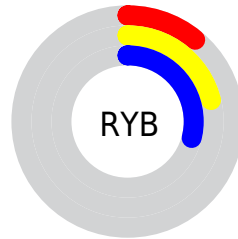
The CIELCh color **28, 18.596, 176.123** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17, 23.401, 10.338**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 18.477, 176.797**, and **9, 14.371, 168.781** is the 20% darker color. If you saturate the color by 10%, you get **28, 20.727, 174.911**, and if you desaturate by 10%, it is **28, 16.161, 177.233**.

Distribution



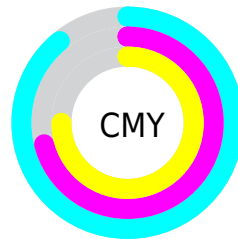
- Red (11%)
- Green (29%)
- Blue (25%)



- Red (11%)
- Yellow (21%)
- Blue (29%)



- Cyan (62%)
- Magenta (0%)
- Yellow (14%)
- Black (71%)





- Cyan (89%)
- Magenta (71%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 18.596, 176.123 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, 18.596, 176.123 by changing the saturation by 10% instead.

 28, 18.596,
176.123


 28, 18.596,
176.123

 100, 18.596,
176.123


 18, 18.596,
176.123


 48, 18.596,
176.123


 8, 18.596, 176.123

 58, 18.596,
176.123

 0, 18.596, 176.123

 68, 18.596,
176.123

 78, 18.596,
176.123

 88, 18.596,
176.123

 98, 18.596,

176.123

■ 28, 18.596,
176.123

■ 28, 18.596,
176.123

■ 28, 20.727,
174.911

■ 28, 16.161,
177.233

■ 27, 22.528,
173.584

■ 29, 13.457,
178.261

■ 27, 24.064,
172.186

■ 29, 10.529,
179.223

■ 27, 25.228,
171.239

■ 30, 7.421, 180.132

■ 30, 4.178, 181.010

■ 31, 0.842, 182.057

■ 32, 2.552, 2.445

■ 33, 5.973, 3.250

■ 34, 9.397, 3.989

Harmonies

Complementary

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



28, 18.596, 176.123



17, 23.401, 10.338

Rectangle

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



28, 18.596, 176.123



28, 18.596, 226.123



28, 18.596, 356.123



28, 18.596, 46.123

Sweetspot

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



28, 18.596, 176.122



40, 7.899, 180.374



28, 32.694, 134.664



19, 5.351, 180.244



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, 18.596, 176.122



37, 26.265, 174.197



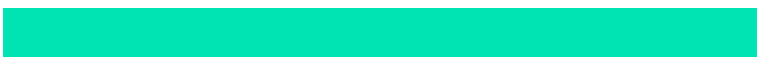
24, 13.835, 234.237



14, 1.823, 181.362



37, 31.350, 170.380



81, 58.395, 168.879

Inverse Universe

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



17, 23.401, 10.338



21, 34.851, 14.529



20, 20.658, 45.912



13, 1.876, 2.593



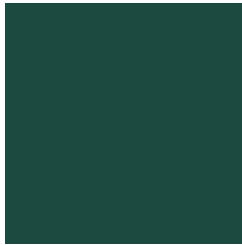
19, 44.848, 24.483



48, 84.731, 28.953

Previews

White Background



This preview shows how the CIELCh color 28, 18.596, 176.123 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, 18.596, 176.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

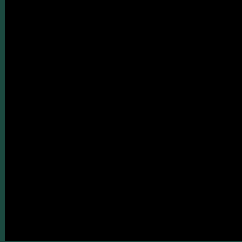
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 18.596, 176.123

Background



This preview shows how black text looks on a background with the CIELCh color 28, 18.596, 176.123.



This preview shows how white text looks on a background with the CIELCh color 28, 18.596, 176.123.

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, 18.596, 176.123

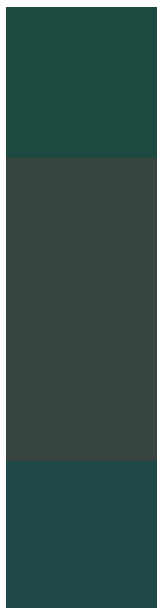
Protanopia
28, 4.716, 92.105

Deuteranopia
28, 3.840, 0.404



Tritanopia
28, 14.126, 210.785

Trichromacy



Original Color
28, 18.596, 176.123

Protanomaly
28, 8.450, 160.268

Deuteranomaly
28, 5.586, 178.107

Tritanomaly
28, 15.323, 194.644

Monochromacy



Original Color
28, 18.596, 176.123

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 7.197, 182.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 18.596, 176.123 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(28, 74, 64)` looks like.

```
.text, #text, p{  
    color:rgb(28, 74, 64)  
}
```

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(28, 74, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 74, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 18.596, 176.123 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(28, 74, 64) }
```

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

```
.border{ border-color:rgb(28, 74, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 74, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 74, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 74, 64);  
box-shadow:4px 4px 4px 4px rgb(28, 74, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 18.596, 176.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 74, 64) }
```

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

```
.background{ background-color: rgb(28, 74,  
64) }
```

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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