

Converting Colors

CIELCh(28, 15.956, 183.028)

Have a look what the booklet for
CIELCh(28, 15.956, 183.028)
contains.

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Color

CIELCh(28, 16.115, 182.885)

Conversions

Conversions Part 1

Format	Color
Hex	204943
RGB	32, 73, 67
RGB Percent	13%, 29%, 26%
CMY	0.8750, 0.7142, 0.7377
CMYK	0.56, 0.00, 0.08, 0.71
HSL	171°, 39%, 21%
HSV	171°, 56%, 29%
XYZ	3.9754, 5.4574, 6.1348
YIQ	60.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

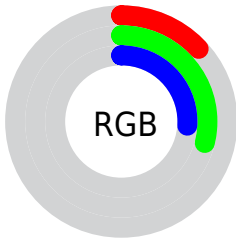
Format	Color
RYB	32, 54, 73
Decimal	2115907
CIELab	28.00, -16.09, -0.81
CIELCh	28, 16.115, 182.885
Yxy	5.4574, 0.2554, 0.3506
Android (android.graphics.Color)	4280305987 (0xFF204943)
YUV	60.0570, 3.4229, -24.6060
Hunter-Lab	23.3610, -10.5060, 0.7827

Details

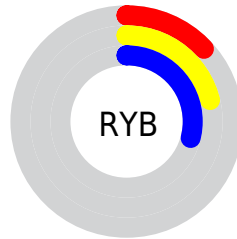
The CIELCh color **28, 16.115, 182.885** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 20.870, 14.373**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 16.267, 182.876**, and **9, 12.811, 176.384** is the 20% darker color. If you saturate the color by 10%, you get **28, 18.202, 181.930**, and if you desaturate by 10%, it is **28, 13.731, 183.780**.

Distribution



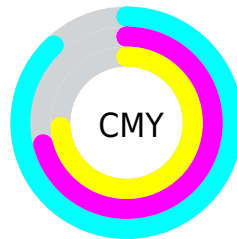
- Red (13%)
- Green (29%)
- Blue (26%)



- Red (13%)
- Yellow (21%)
- Blue (29%)



- Cyan (56%)
- Magenta (0%)
- Yellow (8%)
- Black (71%)





- Cyan (88%)
- Magenta (71%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 16.115, 182.885 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, 16.115, 182.885 by changing the saturation by 10% instead.


 28, 16.115,
182.885


 28, 16.115,
182.885


 100, 16.115,
182.885


 18, 16.115,
182.885


 48, 16.115,
182.885


 8, 16.115, 182.885

 58, 16.115,
182.885

 0, 16.115, 182.885

 68, 16.115,
182.885

 78, 16.115,
182.885

 88, 16.115,
182.885

 98, 16.115,

182.885

■ 28, 16.115,
182.885

■ 28, 16.115,
182.885

■ 28, 18.202,
181.930

■ 28, 13.731,
183.780

■ 27, 19.962,
180.906

■ 29, 11.087,
184.633

■ 27, 21.380,
179.795

■ 29, 8.227, 185.453

■ 30, 5.193, 186.254

■ 27, 22.649,
178.702

■ 31, 2.030, 187.091

■ 27, 23.134,
178.326

■ 31, 1.227, 7.496

■ 32, 4.542, 8.370

■ 33, 7.889, 9.099

■ 34, 11.245, 9.799

Harmonies

Complementary

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



28, 16.115, 182.885



18, 20.870, 14.373

Rectangle

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



28, 16.115, 182.885



28, 16.115, 232.885



28, 16.115, 2.885



28, 16.115, 52.885

Sweetspot

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



28, 16.115, 182.883



39, 6.708, 186.144



27, 30.184, 137.101



19, 4.518, 186.076



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, 16.115, 182.883



36, 22.677, 181.496



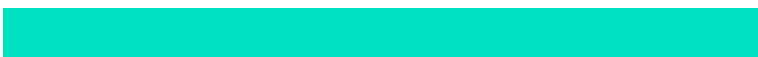
23, 13.114, 245.552



14, 1.770, 186.885



37, 28.844, 177.623



81, 53.352, 176.429

Inverse Universe

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



18, 20.870, 14.373



22, 31.519, 17.789



22, 17.554, 53.974



13, 1.833, 8.019



19, 46.502, 29.313



48, 88.838, 33.889

Previews

White Background



This preview shows how the CIE LCh color 28, 16.115, 182.885 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, 16.115, 182.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

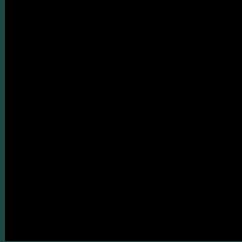
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 16.115, 182.885

Background



This preview shows how black text looks on a background with the CIELCh color 28, 16.115, 182.885.



This preview shows how white text looks on a background with the CIELCh color 28, 16.115, 182.885.

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, 16.115, 182.885

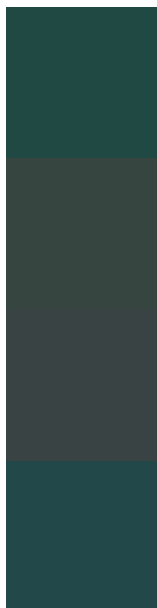
Protanopia
28, 2.129, 84.540

Deuteranopia
28, 4.505, 334.269



Tritanopia
28, 13.121, 214.997

Trichromacy



Original Color
28, 16.115, 182.885

Protanomaly
28, 6.939, 170.462

Deuteranomaly
28, 4.303, 207.484

Tritanomaly
28, 13.996, 199.976

Monochromacy



Original Color
28, 16.115, 182.885

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 6.584, 186.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 16.115, 182.885 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(32, 73, 67)` looks like.

```
.text, #text, p{  
    color:rgb(32, 73, 67)  
}
```

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(32, 73, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 73, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 16.115, 182.885 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(32, 73, 67) }
```

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

```
.border{ border-color:rgb(32, 73, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 73, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 73, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 73, 67);  
box-shadow:4px 4px 4px 4px rgb(32, 73, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 16.115, 182.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 73, 67) }
```

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

```
.background{ background-color: rgb(32, 73,  
67) }
```

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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