

Converting Colors

CIELCh(28, 15.781, 206.681)

Have a look what the booklet for
CIELCh(28, 15.781, 206.681)
contains.

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Color

CIELCh(28, 15.813, 206.653)

Conversions

Conversions Part 1

Format	Color
Hex	1A494D
RGB	26, 73, 77
RGB Percent	10%, 29%, 30%
CMY	0.8963, 0.7156, 0.6999
CMYK	0.65, 0.05, 0.00, 0.70
HSL	185°, 49%, 20%
HSV	185°, 65%, 30%
XYZ	4.1117, 5.4574, 7.7697
YIQ	59.4030, -29.2960, -8.7200

Conversions

Conversions Part 2

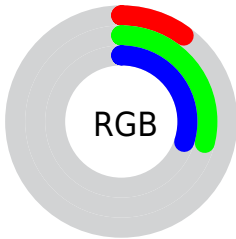
Format	Color
R_YB	26, 50, 77
Decimal	1722701
CIE _{Lab}	28.00, -14.13, -7.09
CIE _{LCh}	28, 15.813, 206.653
Y _{xy}	5.4574, 0.2371, 0.3147
Android (android.graphics.Color)	4279912781 (0xFF1A494D)
YUV	59.4030, 8.6753, -29.2944
Hunter-Lab	23.3610, -9.4642, -3.3668

Details

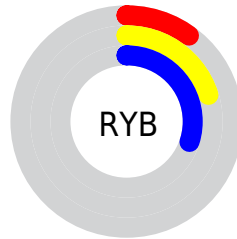
The CIELCh color **28, 15.813, 206.653** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 25.240, 31.879**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 15.952, 206.348**, and **9, 11.215, 208.538** is the 20% darker color. If you saturate the color by 10%, you get **28, 17.123, 207.121**, and if you desaturate by 10%, it is **29, 14.150, 206.343**.

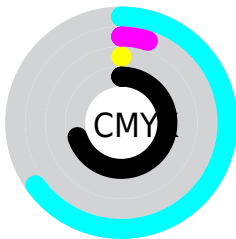
Distribution



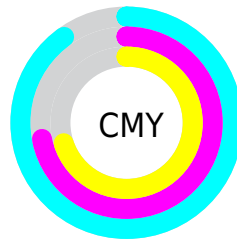
- Red (10%)
- Green (29%)
- Blue (30%)



- Red (10%)
- Yellow (20%)
- Blue (30%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)
- Black (70%)





- Cyan (90%)
- Magenta (72%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 15.813, 206.653 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, 15.813, 206.653 by changing the saturation by 10% instead.

 28, 15.813,
206.653


 28, 15.813,
206.653


 100, 15.813,
206.653


 18, 15.813,
206.653


 48, 15.813,
206.653


 8, 15.813, 206.653

 58, 15.813,
206.653

 0, 15.813, 206.653

 68, 15.813,
206.653

 78, 15.813,
206.653

 88, 15.813,
206.653

 98, 15.813,

206.653

■ 28, 15.813,
206.653

■ 28, 15.813,
206.653

■ 28, 17.123,
207.121

■ 29, 14.150,
206.343

■ 27, 18.069,
207.775

■ 29, 12.158,
206.176

■ 27, 18.797,
208.526

■ 30, 9.873, 206.129

■ 30, 7.332, 206.187

■ 27, 19.139,
208.844

■ 31, 4.578, 206.342

■ 32, 1.649, 206.649

■ 33, 1.417, 26.536

■ 34, 4.589, 26.969

■ 35, 7.837, 27.323

Harmonies

Complementary

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



28, 15.813, 206.653



18, 25.240, 31.879

Rectangle

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



28, 15.813, 206.653



28, 15.813, 256.653



28, 15.813, 26.653



28, 15.813, 76.653

Sweetspot

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



28, 15.813, 206.651



40, 7.266, 206.247



28, 35.875, 141.000



20, 4.976, 206.226



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, 15.813, 206.651



36, 21.298, 207.524



20, 20.148, 274.483



15, 1.683, 206.516



36, 23.269, 209.399



77, 41.888, 210.442

Inverse Universe

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



19, 35.091, 329.965



24, 49.186, 330.667



25, 22.148, 74.325



14, 3.136, 327.085



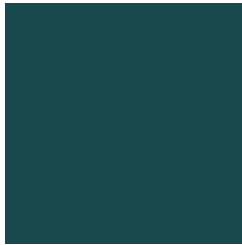
22, 55.578, 331.487



53, 100.148, 331.742

Previews

White Background



This preview shows how the CIELCh color 28, 15.813, 206.653 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, 15.813, 206.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

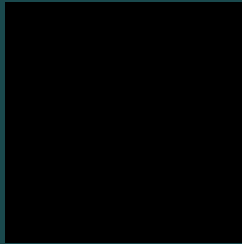
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 15.813, 206.653

Background



This preview shows how black text looks on a background with the CIELCh color 28, 15.813, 206.653.

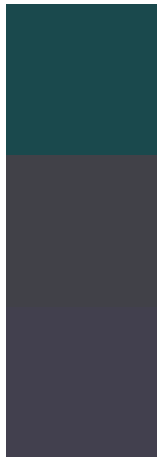


This preview shows how white text looks on a background with the CIELCh color 28, 15.813, 206.653.

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

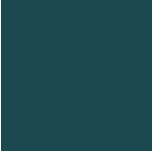
28, 16.029, 206.494

Protanopia

28, 4.543, 291.071

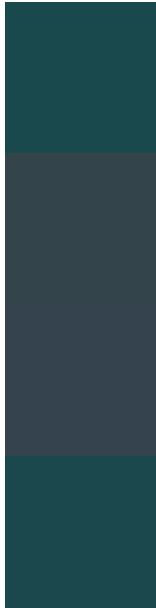
Deuteranopia

28, 9.147, 297.137



Tritanopia
28, 15.552, 211.867

Trichromacy



Original Color
28, 16.029, 206.494

Protanomaly
28, 7.736, 228.887

Deuteranomaly
28, 8.626, 247.920

Tritanomaly
28, 15.543, 209.356

Monochromacy



Original Color
28, 16.029, 206.494

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 7.095, 203.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 15.813, 206.653 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(26, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(26, 73, 77)  
}
```

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(26, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 73, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 15.813, 206.653 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(26, 73, 77) }
```

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

```
.border{ border-color:rgb(26, 73, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 73, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(26, 73, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 15.813, 206.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 73, 77) }
```

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

```
.background{ background-color: rgb(26, 73,  
77) }
```

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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