

Converting Colors

CIELCh(27, 15.707, 160.104)

Have a look what the booklet for
CIELCh(27, 15.707, 160.104)
contains.

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Color

CIELCh(27, 15.909, 159.205)

Conversions

Conversions Part 1

Format	Color
Hex	294637
RGB	41, 70, 55
RGB Percent	16%, 27%, 22%
CMY	0.8400, 0.7263, 0.7851
CMYK	0.42, 0.00, 0.21, 0.73
HSL	149°, 26%, 22%
HSV	149°, 42%, 27%
XYZ	3.7669, 5.0937, 4.3727
YIQ	59.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

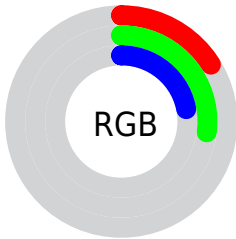
Format	Color
RYB	41, 61, 70
Decimal	2704951
CIELab	27.00, -14.87, 5.65
CIELCh	27, 15.909, 159.205
Yxy	5.0937, 0.2847, 0.3849
Android (android.graphics.Color)	4280895031 (0xFF294637)
YUV	59.6190, -2.2772, -16.3289
Hunter-Lab	22.5692, -9.7032, 4.3112

Details

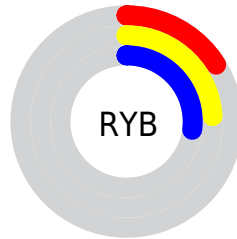
The CIELCh color **27, 15.909, 159.205** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21, 16.565, 346.260**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 16.047, 158.973**, and **7, 14.326, 154.507** is the 20% darker color. If you saturate the color by 10%, you get **27, 19.498, 158.090**, and if you desaturate by 10%, it is **28, 12.177, 160.204**.

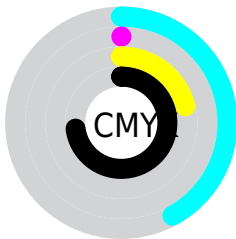
Distribution



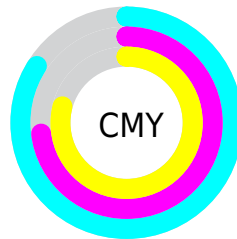
- Red (16%)
- Green (27%)
- Blue (22%)



- Red (16%)
- Yellow (24%)
- Blue (27%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (73%)





- Cyan (84%)
- Magenta (73%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 15.909, 159.205 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 27, 15.909, 159.205 by changing the saturation by 10% instead.

 27, 15.909,
159.205


 27, 15.909,
159.205

 100, 15.909,
159.205


 17, 15.909,
159.205


 47, 15.909,
159.205


 7, 15.909, 159.205

 57, 15.909,
159.205

 0, 15.909, 159.205

 67, 15.909,
159.205

 77, 15.909,
159.205

 87, 15.909,
159.205

 97, 15.909,

159.205

■ 27, 15.909,
159.205

■ 27, 15.909,
159.205

■ 27, 19.498,
158.090

■ 28, 12.177,
160.204

■ 26, 22.891,
156.842

■ 28, 8.351, 161.107

■ 26, 26.036,
155.446

■ 29, 4.478, 161.938

■ 30, 0.597, 162.951

■ 26, 28.894,
153.887

■ 30, 3.262, 343.253

■ 25, 31.498,
152.247

■ 31, 7.072, 343.908

■ 32, 10.815,
344.497

■ 25, 33.691,
151.071

■ 33, 14.478,
345.041

■ 34, 18.053,
345.550

Harmonies

Complementary

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



27, 15.909, 159.205



21, 16.565, 346.260

Rectangle

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



27, 15.909, 159.205



27, 15.909, 209.205



27, 15.909, 339.205



27, 15.909, 29.205

Sweetspot

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



27, 15.910, 159.204



38, 5.843, 161.861



28, 19.492, 126.135



18, 3.819, 161.830



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



27, 15.910, 159.204



35, 23.727, 158.026



27, 11.476, 194.444



14, 2.201, 162.175



36, 44.064, 149.779



80, 83.541, 147.975

Inverse Universe

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



21, 16.565, 346.260



26, 24.867, 347.451



20, 14.620, 20.342



13, 2.223, 343.313



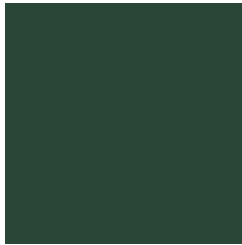
20, 42.917, 357.829



49, 77.747, 0.993

Previews

White Background



This preview shows how the CIELCh color 27, 15.909, 159.205 looks on a white background.

Color Contrast Check

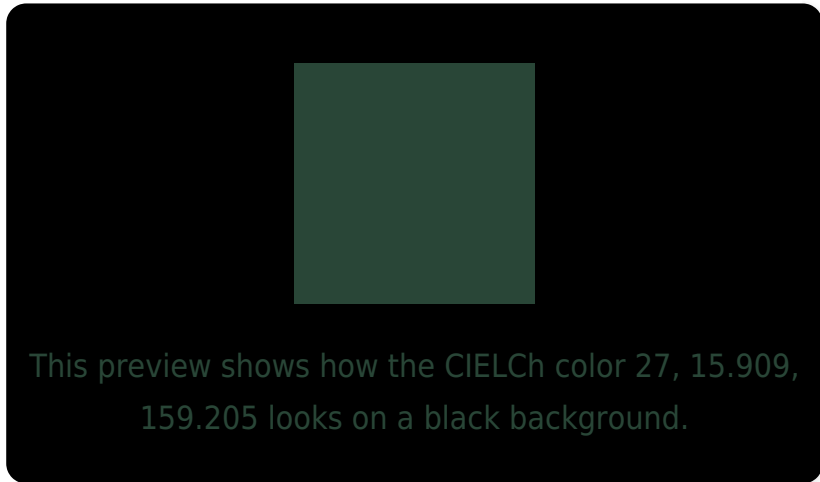
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 15.909, 159.205

Background



This preview shows how black text looks on a background with the CIELCh color 27, 15.909, 159.205.



This preview shows how white text looks on a background with the CIELCh color 27, 15.909, 159.205.

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](#).

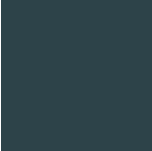
Dichromacy



Original Color
27, 15.909, 159.205

Protanopia
27, 7.387, 93.691

Deuteranopia
27, 5.823, 46.531



Tritanopia
27, 9.326, 223.157

Trichromacy



Original Color
27, 15.909, 159.205

Protanomaly
26, 8.651, 133.966

Deuteranomaly
27, 5.386, 124.038

Tritanomaly
27, 10.283, 190.420

Monochromacy



Original Color
27, 15.909, 159.205

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 6.351, 160.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 15.909, 159.205 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(41, 70, 55)` looks like.

```
.text, #text, p{  
    color:rgb(41, 70, 55)  
}
```

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(41, 70, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 70, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 15.909, 159.205 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(41, 70, 55) }
```

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

```
.border{ border-color:rgb(41, 70, 55) }
```

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

Here you see how a box with a 4 pixel rgb(41, 70, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 70, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 70, 55);  
box-shadow:4px 4px 4px 4px rgb(41, 70, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 15.909, 159.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 70, 55) }
```

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

```
.background{ background-color: rgb(41, 70,  
55) }
```

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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