

Converting Colors

CIELCh(27, 15.124, 175.126)

Have a look what the booklet for
CIELCh(27, 15.124, 175.126)
contains.

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Color

CIELCh(27, 15.339, 174.418)

Conversions

Conversions Part 1

Format	Color
Hex	23463D
RGB	35, 70, 61
RGB Percent	14%, 27%, 24%
CMY	0.8623, 0.7250, 0.7603
CMYK	0.50, 0.00, 0.13, 0.72
HSL	165°, 33%, 21%
HSV	165°, 50%, 28%
XYZ	3.7409, 5.0937, 5.2180
YIQ	58.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

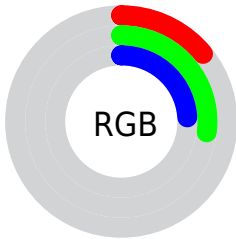
Format	Color
R _Y B	35, 55, 70
Decimal	2311741
CIE Lab	27.00, -15.27, 1.49
CIE LCh	27, 15.339, 174.418
Yxy	5.0937, 0.2662, 0.3625
Android (android.graphics.Color)	4280501821 (0xFF23463D)
YUV	58.5090, 1.2281, -20.6174
Hunter-Lab	22.5692, -9.9091, 2.0906

Details

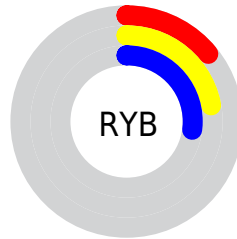
The CIELCh color **27, 15.339, 174.418** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19, 17.942, 4.721**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 15.772, 173.231**, and **8, 11.693, 169.065** is the 20% darker color. If you saturate the color by 10%, you get **27, 17.885, 173.277**, and if you desaturate by 10%, it is **27, 12.561, 175.467**.

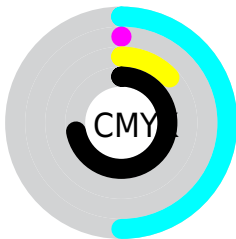
Distribution



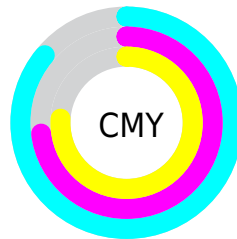
- Red (14%)
- Green (27%)
- Blue (24%)



- Red (14%)
- Yellow (22%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (72%)





- Cyan (86%)
- Magenta (73%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 15.339, 174.418 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, 15.339, 174.418 by changing the saturation by 10% instead.

 27, 15.339,
174.418


 27, 15.339,
174.418

 100, 15.339,
174.418


 17, 15.339,
174.418


 47, 15.339,
174.418


 7, 15.339, 174.418

 57, 15.339,
174.418

 0, 15.339, 174.418

 67, 15.339,
174.418

 77, 15.339,
174.418

 87, 15.339,
174.418

 97, 15.339,

174.418

■ 27, 15.339,
174.418

■ 27, 15.339,
174.418

■ 27, 17.885,
173.277

■ 27, 12.561,
175.467

■ 26, 20.158,
172.031

■ 28, 9.592, 176.444

■ 26, 22.130,
170.662

■ 28, 6.476, 177.364

■ 26, 23.820,
169.186

■ 29, 3.256, 178.255

■ 26, 25.503,
167.864

■ 30, 0.032, 351.678

■ 26, 25.518,
167.853

■ 31, 3.354, 359.698

■ 31, 6.686, 0.472

■ 32, 10.004, 1.195

Harmonies

Complementary

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



27, 15.339, 174.418



19, 17.942, 4.721

Rectangle

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



27, 15.339, 174.418



27, 15.339, 224.418



27, 15.339, 354.418



27, 15.339, 44.418

Sweetspot

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



27, 15.339, 174.416



38, 6.130, 177.747



27, 25.217, 134.462



18, 4.117, 177.665



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, 15.339, 174.416



35, 22.211, 172.970



24, 11.198, 227.044



14, 1.860, 178.373



37, 32.913, 166.749



81, 61.531, 165.132

Inverse Universe

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



19, 17.942, 4.721



23, 27.022, 7.134



21, 15.379, 42.684



13, 1.908, 359.631



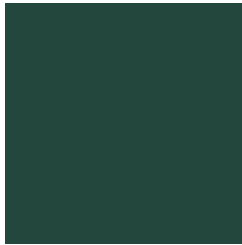
19, 43.963, 21.142



48, 82.604, 25.690

Previews

White Background



This preview shows how the CIELCh color 27, 15.339, 174.418 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 CIE LCh color 27, 15.339, 174.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

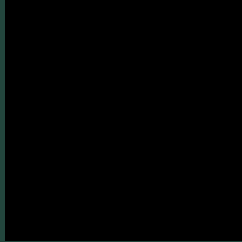
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 15.339, 174.418

Background



This preview shows how black text looks on a background with the CIELCh color 27, 15.339, 174.418.



This preview shows how white text looks on a background with the CIELCh color 27, 15.339, 174.418.

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, 15.339, 174.418

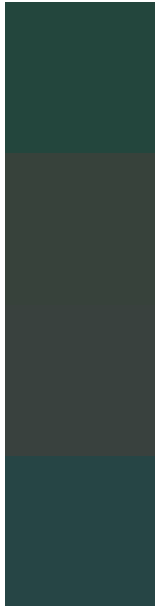
Protanopia
27, 3.526, 86.270

Deuteranopia
27, 3.707, 9.951



Tritanopia
27, 11.438, 217.993

Trichromacy



Original Color
27, 15.339, 174.418

Protanomaly
27, 6.747, 155.878

Deuteranomaly
27, 4.071, 170.046

Tritanomaly
27, 12.013, 197.523

Monochromacy



Original Color
27, 15.339, 174.418

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 6.042, 179.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 15.339, 174.418 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(35, 70, 61)` looks like.

```
.text, #text, p{  
    color:rgb(35, 70, 61)  
}
```

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(35, 70, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 70, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 15.339, 174.418 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(35, 70, 61) }
```

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

```
.border{ border-color:rgb(35, 70, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 70, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 70, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 70, 61);  
box-shadow:4px 4px 4px 4px rgb(35, 70, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 15.339, 174.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 70, 61) }
```

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

```
.background{ background-color: rgb(35, 70,  
61) }
```

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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