

Converting Colors

CIELCh(27, 26.076, 287.839)

Have a look what the booklet for
CIELCh(27, 26.076, 287.839)
contains.

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Color

CIELCh(27, 26.076, 287.839)

Conversions

Conversions Part 1

Format	Color
Hex	343E66
RGB	52, 62, 102
RGB Percent	20%, 24%, 40%
CMY	0.7972, 0.7579, 0.6011
CMYK	0.49, 0.39, 0.00, 0.60
HSL	228°, 33%, 30%
HSV	228°, 49%, 40%
XYZ	5.4947, 5.0937, 13.1902
YIQ	63.5700, -18.8000, 10.3200

Conversions

Conversions Part 2

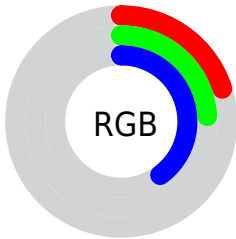
Format	Color
R_{YB}	52, 60, 102
Decimal	3423846
CIE _{Lab}	27.00, 7.99, -24.82
CIE _{LCh}	27, 26.076, 287.839
Yxy	5.0937, 0.2311, 0.2142
Android (android.graphics.Color)	4281613926 (0xFF343E66)
YUV	63.5700, 18.9460, -10.1469
Hunter-Lab	22.5692, 3.9619, -18.8527

Details

The CIELCh color **27, 26.076, 287.839** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **39, 24.485, 94.902**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 26.085, 288.421**, and **7, 26.449, 288.411** is the 20% darker color. If you saturate the color by 10%, you get **24, 31.886, 290.091**, and if you desaturate by 10%, it is **30, 20.454, 285.867**.

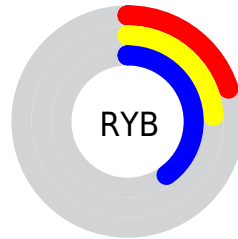
Distribution



 Red (20%)

 Green (24%)

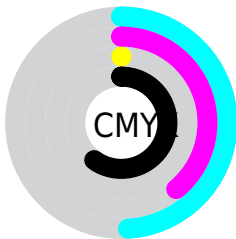
 Blue (40%)




 Red (20%)

 Yellow (24%)

 Blue (40%)

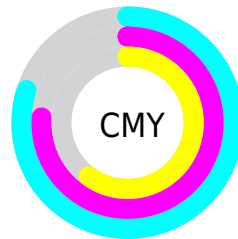


 Cyan (49%)

 Magenta (39%)

 Yellow (0%)

 Black (60%)



 Cyan (80%)

 Magenta (76%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 26.076, 287.839 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, 26.076, 287.839 by changing the saturation by 10% instead.

■ 27, 26.076,
287.839

■ 27, 26.076,
287.839

■ 100, 26.076,
287.839

■ 17, 26.076,
287.839

■ 47, 26.076,
287.839

■ 7, 26.076, 287.839

■ 57, 26.076,
287.839

■ 0, 26.076, 287.839

■ 67, 26.076,
287.839

■ 77, 26.076,
287.839

■ 87, 26.076,
287.839

■ 97, 26.076,

287.839

■ 27, 26.076,
287.839

■ 27, 26.076,
287.839

■ 24, 31.886,
290.091

■ 30, 20.454,
285.867

■ 21, 37.884,
292.611

■ 34, 15.008,
284.157

■ 18, 44.029,
295.343

■ 37, 9.723, 282.681

■ 15, 50.184,
298.163

■ 40, 4.585, 281.415

■ 43, 0.415, 100.056

■ 13, 56.120,
300.667

■ 47, 5.285, 99.308

■ 12, 56.607,
300.849

■ 50, 10.032, 98.477

■ 53, 14.661, 97.743

■ 56, 19.178, 97.093

Harmonies

Complementary

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



27, 26.076, 287.839



39, 24.485, 94.902

Rectangle

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



27, 26.076, 287.839



27, 26.076, 337.839



27, 26.076, 107.839



27, 26.076, 157.839

Sweetspot

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



27, 26.075, 287.839



49, 9.423, 282.188



39, 19.829, 177.375



24, 6.389, 282.380



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



27, 26.075, 287.839



31, 39.647, 290.468



25, 33.221, 304.734



19, 2.819, 281.389



15, 62.465, 301.259



35, 114.154, 302.857

Inverse Universe

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



28, 23.901, 9.333



34, 35.902, 11.848



41, 29.994, 118.482



19, 2.529, 3.918



23, 50.461, 26.839



51, 90.170, 30.426

Previews

White Background



This preview shows how the CIE LCh color 27, 26.076, 287.839 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 27, 26.076, 287.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

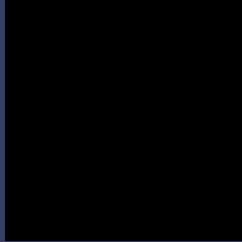
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 26.076, 287.839

Background



This preview shows how black text looks on a background with the CIELCh color 27, 26.076, 287.839.



This preview shows how white text looks on a background with the CIELCh color 27, 26.076, 287.839.

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, 26.076, 287.839

Protanopia

27, 26.216, 285.246

Deuteranopia

27, 24.595, 279.098



Tritanopia
27, 10.108, 216.924

Trichromacy



Original Color
27, 26.076, 287.839

Protanomaly
27, 26.178, 285.878

Deuteranomaly
27, 25.045, 282.297

Tritanomaly
27, 12.993, 257.763

Monochromacy



Original Color
27, 26.076, 287.839

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 9.232, 281.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 26.076, 287.839 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(52, 62, 102)` looks like.

```
.text, #text, p{  
    color:rgb(52, 62, 102)  
}
```

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(52, 62, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 62, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 26.076, 287.839 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(52, 62, 102) }
```

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

```
.border{ border-color:rgb(52, 62, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 62, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 62, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 62, 102);  
box-shadow:4px 4px 4px 4px rgb(52, 62,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 26.076, 287.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 62, 102) }
```

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

```
.background{ background-color: rgb(52, 62,  
102) }
```

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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