

Converting Colors

CIELCh(13, 29.867, 257.723)

Have a look what the booklet for
CIELCh(13, 29.867, 257.723)
contains.

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Color

CIELCh(15, 26.154, 277.521)

Conversions

Conversions Part 1

Format	Color
Hex	00264A
RGB	0, 38, 74
RGB Percent	0%, 15%, 29%
CMY	0.9982, 0.8498, 0.7084
CMYK	0.99, 0.48, 0.00, 0.71
HSL	209°, 99%, 15%
HSV	209°, 99%, 29%
XYZ	1.9571, 1.9086, 6.8070
YIQ	30.7420, -34.2040, 3.1400

Conversions

Conversions Part 2

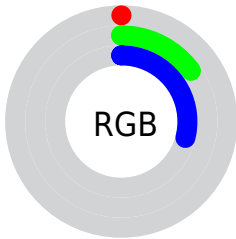
Format	Color
RYB	0, 25, 74
Decimal	9802
CIELab	15.00, 3.42, -25.93
CIELCh	15, 26.154, 277.521
Yxy	1.9086, 0.1834, 0.1788
Android (android.graphics.Color)	4278199882 (0xFF00264A)
YUV	30.7420, 21.3262, -26.9607
Hunter-Lab	13.8151, 1.1101, -19.5430

Details

The CIELCh color **15, 26.154, 277.521** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19, 31.587, 61.278**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 26.294, 277.641**, and **1, 16.134, 288.610** is the 20% darker color. If you saturate the color by 10%, you get **15, 26.322, 277.707**, and if you desaturate by 10%, it is **17, 23.561, 274.292**.

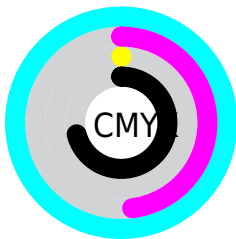
Distribution



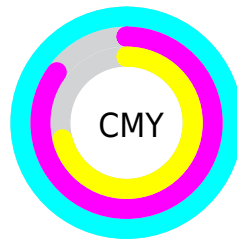
- Red (0%)
- Green (15%)
- Blue (29%)



- Red (0%)
- Yellow (10%)
- Blue (29%)



- Cyan (99%)
- Magenta (48%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 26.154, 277.521 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 15, 26.154, 277.521 by changing the saturation by 10% instead.

■ 15, 26.154,
277.521

■ 15, 26.154,
277.521

■ 100, 26.154,
277.521

■ 5, 26.154, 277.521

■ 35, 26.154,
277.521

■ 0, 26.154, 277.521

■ 45, 26.154,
277.521


■ 55, 26.154,
277.521


■ 65, 26.154,
277.521


■ 75, 26.154,
277.521


■ 85, 26.154,


277.521


 95, 26.154,
277.521


 15, 26.154,
277.521


 15, 26.154,
277.521


 15, 26.322,
277.707

 17, 23.561,
274.292

 18, 21.078,
270.654

 20, 18.590,
267.363

 21, 16.063,
264.483

 23, 13.483,
261.998

■ 25, 10.846,
259.871

■ 26, 8.153, 258.058

■ 28, 5.412, 256.518

■ 30, 2.633, 255.228

Harmonies

Complementary

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



15, 26.154, 277.521



19, 31.587, 61.278

Rectangle

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



15, 26.154, 277.521



15, 26.154, 327.521



15, 26.154, 97.521



15, 26.154, 147.521

Sweetspot

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



15, 26.154, 277.523



34, 10.358, 258.360



27, 35.156, 150.914



16, 6.960, 258.716



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



15, 26.154, 277.523



20, 32.681, 279.682



5, 51.316, 304.093



14, 1.607, 255.151



22, 34.081, 280.011



50, 65.974, 283.536

Inverse Universe

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



13, 35.141, 356.447



19, 42.106, 358.113



30, 39.140, 101.937



14, 2.351, 343.585



20, 43.612, 358.382



50, 78.329, 1.489

Previews

White Background



This preview shows how the CIE LCh color 15, 26.154, 277.521 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 15, 26.154, 277.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

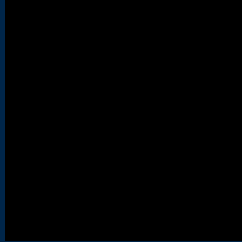
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 26.154, 277.521

Background



This preview shows how black text looks on a background with the CIELCh color 15, 26.154, 277.521.



This preview shows how white text looks on a background with the CIELCh color 15, 26.154, 277.521.

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

15, 26.154, 277.521

Protanopia

15, 25.537, 285.017

Deuteranopia

15, 22.491, 270.765



Tritanopia
15, 14.060, 205.360

Trichromacy



Original Color
15, 26.154, 277.521

Protanomaly
15, 25.776, 282.083

Deuteranomaly
15, 23.681, 273.022

Tritanomaly
15, 15.287, 242.143

Monochromacy



Original Color
15, 26.154, 277.521

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 10.569, 262.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 26.154, 277.521 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(0, 38, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 74)  
}
```

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(0, 38, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 26.154, 277.521 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(0, 38, 74) }
```

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

```
.border{ border-color:rgb(0, 38, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 74); box-shadow:4px  
4px 4px 4px rgb(0, 38, 74) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 26.154, 277.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 74) }
```

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

```
.background{ background-color: rgb(0, 38,  
74) }
```

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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