

Converting Colors

CIELCh(17, 15.169, 241.702)

Have a look what the booklet for
CIELCh(17, 15.169, 241.702)
contains.

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Color

CIELCh(17, 15.192, 241.555)

Conversions

Conversions Part 1

Format	Color
Hex	062E3D
RGB	6, 46, 61
RGB Percent	2%, 18%, 24%
CMY	0.9779, 0.8207, 0.7619
CMYK	0.91, 0.25, 0.00, 0.76
HSL	196°, 83%, 13%
HSV	196°, 91%, 24%
XYZ	1.8710, 2.3023, 4.7195
YIQ	35.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

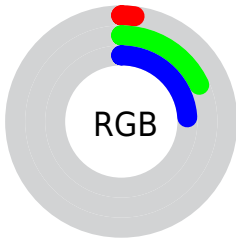
Format	Color
RYB	6, 29, 61
Decimal	405053
CIELab	17.00, -7.24, -13.36
CIELCh	17, 15.192, 241.555
Yxy	2.3023, 0.2104, 0.2589
Android (android.graphics.Color)	4278595133 (0xFF062E3D)
YUV	35.7500, 12.4482, -26.0907
Hunter-Lab	15.1734, -4.5428, -7.8198

Details

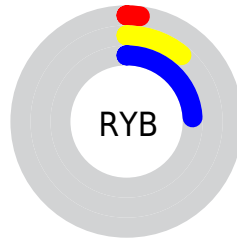
The CIELCh color **17, 15.192, 241.555** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 25.309, 42.458**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 15.042, 239.680**, and **1, 7.635, 288.097** is the 20% darker color. If you saturate the color by 10%, you get **16, 16.214, 243.701**, and if you desaturate by 10%, it is **18, 14.154, 238.850**.

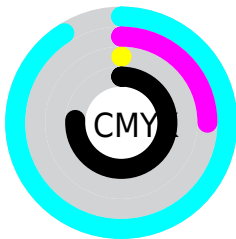
Distribution



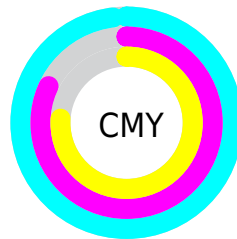
- Red (2%)
- Green (18%)
- Blue (24%)



- Red (2%)
- Yellow (11%)
- Blue (24%)



- Cyan (91%)
- Magenta (25%)
- Yellow (0%)
- Black (76%)



- Cyan (98%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 15.192, 241.555 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 17, 15.192, 241.555 by changing the saturation by 10% instead.

■ 17, 15.192,
241.555

■ 17, 15.192,
241.555

■ 100, 15.192,
241.555

■ 7, 15.192, 241.555

■ 37, 15.192,
241.555

■ 0, 15.192, 241.555

■ 47, 15.192,
241.555


■ 57, 15.192,
241.555


■ 67, 15.192,
241.555


■ 77, 15.192,
241.555


■ 87, 15.192,


241.555


 97, 15.192,
241.555


 17, 15.192,
241.555


 17, 15.192,
241.555

 16, 16.214,
243.701

 18, 14.154,
238.850

 19, 12.994,
236.380

 19, 11.638,
234.348

 20, 10.093,
232.693

 21, 8.373, 231.356

■ 22, 6.499, 230.284

■ 23, 4.492, 229.434

■ 24, 2.373, 228.789

■ 26, 0.164, 229.510

Harmonies

Complementary

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



17, 15.192, 241.555



13, 25.309, 42.458

Rectangle

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



17, 15.192, 241.555



17, 15.192, 291.555



17, 15.192, 61.555



17, 15.192, 111.555

Sweetspot

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



17, 15.192, 241.555



30, 7.164, 230.053



22, 33.761, 144.035



14, 4.858, 230.152



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



17, 15.192, 241.555



22, 19.543, 245.966



7, 31.585, 294.808



11, 1.243, 228.677



27, 22.229, 247.252



62, 42.501, 251.381

Inverse Universe

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



11, 32.218, 339.788



15, 40.872, 341.269



20, 26.623, 88.306



10, 2.260, 333.624



19, 45.964, 341.689



50, 84.441, 343.107

Previews

White Background



This preview shows how the CIELCh color 17, 15.192, 241.555 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 17, 15.192, 241.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

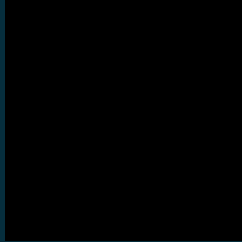
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

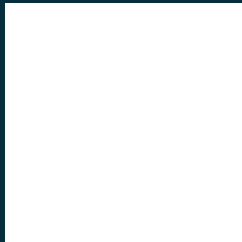
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 15.192, 241.555

Background



This preview shows how black text looks on a background with the CIELCh color 17, 15.192, 241.555.



This preview shows how white text looks on a background with the CIELCh color 17, 15.192, 241.555.

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

17, 15.192, 241.555

Protanopia

17, 11.176, 284.577

Deuteranopia

17, 14.098, 281.121



Tritanopia
17, 14.784, 207.635

Trichromacy



Original Color
17, 15.192, 241.555

Protanomaly
17, 12.498, 262.690

Deuteranomaly
17, 14.474, 265.874

Tritanomaly
17, 14.453, 219.900

Monochromacy



Original Color
17, 15.192, 241.555

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 7.097, 228.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 15.192, 241.555 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(6, 46, 61)` looks like.

```
.text, #text, p{  
    color:rgb(6, 46, 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(6, 46, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 46, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 15.192, 241.555 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(6, 46, 61) }
```

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

```
.border{ border-color:rgb(6, 46, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 46, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 46, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 46, 61); box-shadow:4px  
4px 4px 4px rgb(6, 46, 61) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 15.192, 241.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 46, 61) }
```

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

```
.background{ background-color: rgb(6, 46,  
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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