

Converting Colors

CIELCh(18, 15.570, 251.346)

Have a look what the booklet for
CIELCh(18, 15.570, 251.346)
contains.

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Color

CIELCh(18, 15.603, 251.649)

Conversions

Conversions Part 1

Format	Color
Hex	0E2F41
RGB	14, 47, 65
RGB Percent	5%, 18%, 25%
CMY	0.9446, 0.8153, 0.7447
CMYK	0.78, 0.28, 0.00, 0.74
HSL	201°, 64%, 16%
HSV	201°, 78%, 26%
XYZ	2.1606, 2.5180, 5.3888
YIQ	39.1850, -25.4460, -1.3980

Conversions

Conversions Part 2

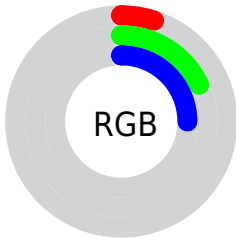
Format	Color
R_YB	14, 34, 65
Decimal	929601
CIE _{Lab}	18.00, -4.91, -14.81
CIE _{LCh}	18, 15.603, 251.649
Yxy	2.5180, 0.2146, 0.2501
Android (android.graphics.Color)	4279119681 (0xFF0E2F41)
YUV	39.1850, 12.7268, -22.0872
Hunter-Lab	15.8683, -3.4651, -9.0268

Details

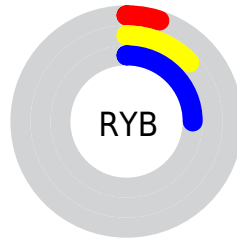
The CIELCh color **18, 15.603, 251.649** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17, 23.230, 52.668**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 15.543, 251.394**, and **1, 10.980, 288.731** is the 20% darker color. If you saturate the color by 10%, you get **17, 17.032, 255.008**, and if you desaturate by 10%, it is **19, 14.055, 248.711**.

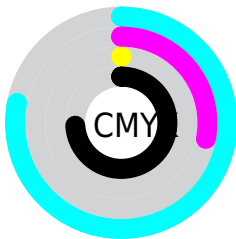
Distribution



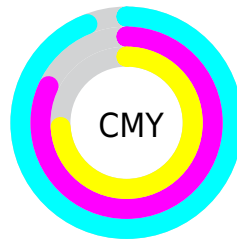
- Red (5%)
- Green (18%)
- Blue (25%)



- Red (5%)
- Yellow (13%)
- Blue (25%)



- Cyan (78%)
- Magenta (28%)
- Yellow (0%)
- Black (74%)



- Cyan (94%)
- Magenta (82%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 15.603, 251.649 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 18, 15.603, 251.649 by changing the saturation by 10% instead.

■ 18, 15.603,
251.649

■ 18, 15.603,
251.649

■ 100, 15.603,
251.649

■ 8, 15.603, 251.649

■ 38, 15.603,
251.649

■ 0, 15.603, 251.649

■ 48, 15.603,
251.649


■ 58, 15.603,
251.649


■ 68, 15.603,
251.649


■ 78, 15.603,
251.649

■ 88, 15.603,


251.649


 98, 15.603,
251.649


 18, 15.603,
251.649


 18, 15.603,
251.649


 17, 17.032,
255.008

 19, 14.055,
248.711

 16, 18.518,
257.993

 20, 12.361,
246.236

 16, 18.781,
258.448

 21, 10.522,
244.170

 23, 8.545, 242.456

 24, 6.447, 241.041

 25, 4.245, 239.878

■ 26, 1.955, 238.959

■ 28, 0.405, 57.506

■ 29, 2.820, 57.279

Harmonies

Complementary

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



18, 15.603, 251.649



17, 23.230, 52.668

Rectangle

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



18, 15.603, 251.649



18, 15.603, 301.649



18, 15.603, 71.649



18, 15.603, 121.649

Sweetspot

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



18, 15.603, 251.649



32, 6.542, 240.508



24, 29.761, 148.666



15, 4.553, 240.718



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



18, 15.603, 251.649



22, 21.769, 258.666



9, 31.846, 296.080



12, 1.331, 238.978



25, 25.445, 261.845



58, 49.218, 266.079

Inverse Universe

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



14, 29.488, 343.089



17, 39.335, 345.926



24, 27.104, 95.477



12, 2.285, 337.011



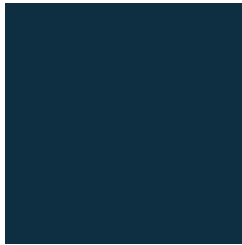
20, 44.559, 347.312



49, 81.009, 349.356

Previews

White Background



This preview shows how the CIE LCh color 18, 15.603, 251.649 looks on a white background.

Color Contrast Check

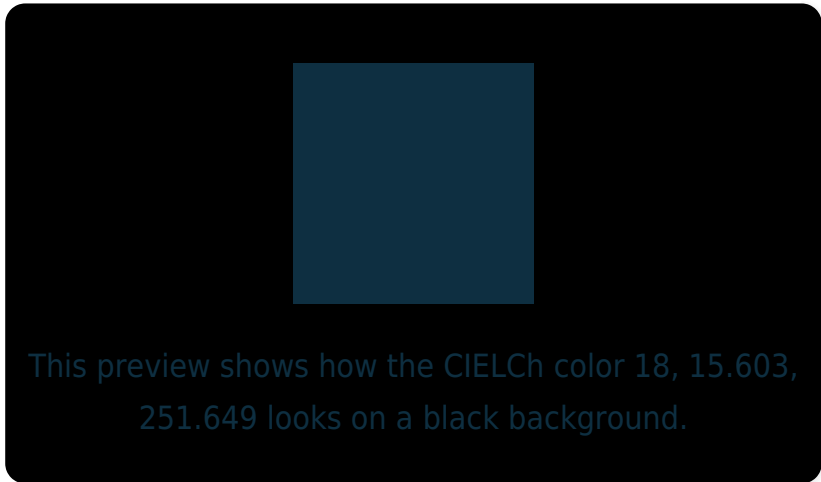
Large Text (above 18pt) WCAG AA ✓ Pass

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

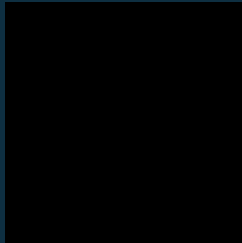
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 15.603, 251.649

Background



This preview shows how black text looks on a background with the CIELCh color 18, 15.603, 251.649.



This preview shows how white text looks on a background with the CIELCh color 18, 15.603, 251.649.

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

18, 15.603, 251.649

Protanopia

18, 12.553, 282.319

Deuteranopia

18, 15.458, 279.998



Tritanopia
18, 15.179, 207.268

Trichromacy



Original Color
18, 15.603, 251.649

Protanomaly
18, 13.470, 267.288

Deuteranomaly
18, 15.482, 269.590

Tritanomaly
18, 14.255, 223.382

Monochromacy



Original Color
18, 15.603, 251.649

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 6.475, 239.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 15.603, 251.649 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(14, 47, 65)` looks like.

```
.text, #text, p{  
    color:rgb(14, 47, 65)  
}
```

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(14, 47, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 47, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 15.603, 251.649 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(14, 47, 65) }
```

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

```
.border{ border-color:rgb(14, 47, 65) }
```

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

Here you see how a box with a 4 pixel rgb(14, 47, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 47, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 47, 65);  
box-shadow:4px 4px 4px 4px rgb(14, 47, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 15.603, 251.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 47, 65) }
```

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

```
.background{ background-color: rgb(14, 47,  
65) }
```

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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