

Converting Colors

CIELCh(18, 16.151, 250.497)

Have a look what the booklet for
CIELCh(18, 16.151, 250.497)
contains.

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Color

CIELCh(18, 16.363, 252.164)

Conversions

Conversions Part 1

Format	Color
Hex	0B2F42
RGB	11, 47, 66
RGB Percent	4%, 18%, 26%
CMY	0.9557, 0.8149, 0.7403
CMYK	0.83, 0.29, 0.00, 0.74
HSL	201°, 71%, 15%
HSV	201°, 83%, 26%
XYZ	2.1561, 2.5180, 5.5595
YIQ	38.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

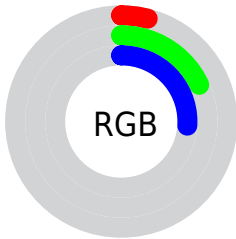
Format	Color
R_{YB}	11, 33, 66
Decimal	732994
CIE _{Lab}	18.00, -5.01, -15.58
CIE _{LCh}	18, 16.363, 252.164
Yxy	2.5180, 0.2107, 0.2461
Android (android.graphics.Color)	4278923074 (0xFF0B2F42)
YUV	38.4020, 13.6058, -24.0316
Hunter-Lab	15.8683, -3.5163, -9.6644

Details

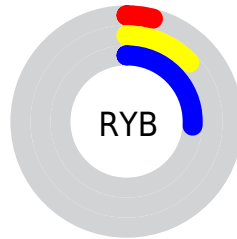
The CIELCh color **18, 16.363, 252.164** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16, 24.954, 51.209**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 16.334, 251.332**, and **1, 10.980, 288.731** is the 20% darker color. If you saturate the color by 10%, you get **17, 17.773, 255.471**, and if you desaturate by 10%, it is **19, 14.894, 249.007**.

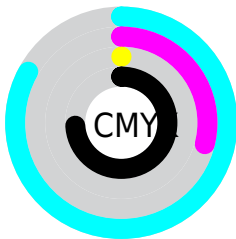
Distribution



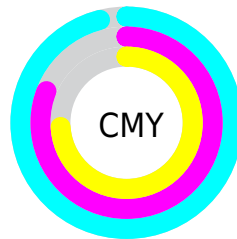
- Red (4%)
- Green (18%)
- Blue (26%)



- Red (4%)
- Yellow (13%)
- Blue (26%)



- Cyan (83%)
- Magenta (29%)
- Yellow (0%)
- Black (74%)





- Cyan (96%)
- Magenta (81%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 16.363, 252.164 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, 16.363, 252.164 by changing the saturation by 10% instead.

 18, 16.363,
252.164


 18, 16.363,
252.164


 100, 16.363,
252.164


 8, 16.363, 252.164


 38, 16.363,
252.164

 0, 16.363, 252.164

 48, 16.363,
252.164


 58, 16.363,
252.164


 68, 16.363,
252.164


 78, 16.363,
252.164


 88, 16.363,


252.164


 98, 16.363,
252.164


 18, 16.363,
252.164


 18, 16.363,
252.164

 17, 17.773,
255.471

 19, 14.894,
249.007

 16, 18.825,
257.482

 20, 13.276,
246.336

 21, 11.502,
244.104

 23, 9.579, 242.254

 24, 7.520, 240.726

 25, 5.343, 239.472

■ 26, 3.066, 238.456

■ 28, 0.708, 237.827

■ 29, 1.716, 56.671

Harmonies

Complementary

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



18, 16.363, 252.164



16, 24.954, 51.209

Rectangle

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



18, 16.363, 252.164



18, 16.363, 302.164



18, 16.363, 72.164



18, 16.363, 122.164

Sweetspot

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



18, 16.363, 252.164



33, 7.243, 239.839



24, 32.011, 147.271



15, 4.850, 240.009



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, 16.363, 252.164



22, 23.089, 259.865



9, 33.721, 296.548



12, 1.329, 238.089



25, 25.149, 260.703



58, 48.559, 264.939

Inverse Universe

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



13, 31.091, 343.311



17, 41.530, 346.434



24, 28.385, 93.876



12, 2.296, 336.703



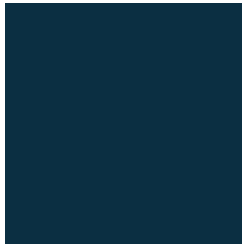
20, 44.733, 346.800



50, 81.323, 348.782

Previews

White Background



This preview shows how the CIE LCh color 18, 16.363, 252.164 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 18, 16.363, 252.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

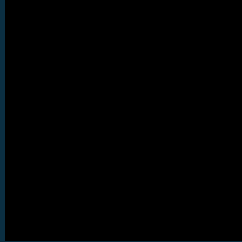
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

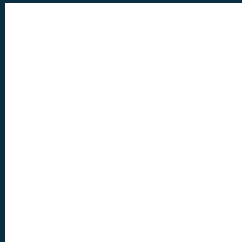
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 18, 16.363, 252.164

Background



This preview shows how black text looks on a background with the CIELCh color 18, 16.363, 252.164.



This preview shows how white text looks on a background with the CIELCh color 18, 16.363, 252.164.

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, 16.363, 252.164

Protanopia

18, 13.223, 283.129

Deuteranopia

18, 16.115, 280.856



Tritanopia
18, 15.179, 207.268

Trichromacy



Original Color
18, 16.363, 252.164

Protanomaly
18, 14.181, 267.699

Deuteranomaly
18, 16.183, 269.984

Tritanomaly
18, 14.558, 225.926

Monochromacy



Original Color
18, 16.363, 252.164

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 7.160, 242.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 16.363, 252.164 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(11, 47, 66)` looks like.

```
.text, #text, p{  
    color:rgb(11, 47, 66)  
}
```

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(11, 47, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 47, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 16.363, 252.164 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(11, 47, 66) }
```

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

```
.border{ border-color:rgb(11, 47, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 47, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 47, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 47, 66);  
box-shadow:4px 4px 4px 4px rgb(11, 47, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 16.363, 252.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 47, 66) }
```

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

```
.background{ background-color: rgb(11, 47,  
66) }
```

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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