

Converting Colors

CIELCh(16, 18.024, 277.229)

Have a look what the booklet for
CIELCh(16, 18.024, 277.229)
contains.

CIELCh(16, 18.024, 277.229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(16, 18.024, 277.229)

Conversions

Conversions Part 1

Format	Color
Hex	182841
RGB	24, 40, 65
RGB Percent	9%, 16%, 25%
CMY	0.9056, 0.8429, 0.7448
CMYK	0.63, 0.38, 0.00, 0.74
HSL	217°, 46%, 17%
HSV	217°, 63%, 26%
XYZ	2.0954, 2.0993, 5.3062
YIQ	38.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

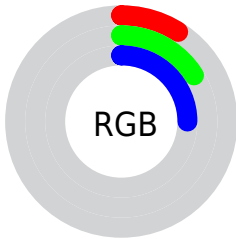
Format	Color
R _Y B	24, 36, 65
Decimal	1583169
CIE Lab	16.00, 2.27, -17.88
CIE LCh	16, 18.024, 277.229
Yxy	2.0993, 0.2205, 0.2210
Android (android.graphics.Color)	4279773249 (0xFF182841)
YUV	38.0660, 13.2785, -12.3359
Hunter-Lab	14.4890, 0.4588, -11.5712

Details

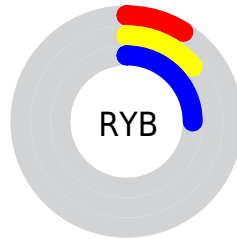
The CIELCh color **16, 18.024, 277.229** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22, 18.929, 78.827**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 17.886, 276.818**, and **1, 10.257, 288.629** is the 20% darker color. If you saturate the color by 10%, you get **14, 20.980, 279.963**, and if you desaturate by 10%, it is **18, 15.105, 274.813**.

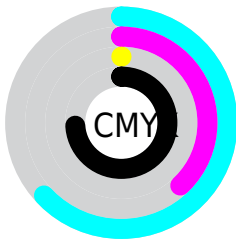
Distribution



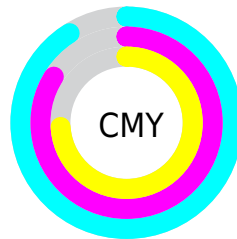
- Red (9%)
- Green (16%)
- Blue (25%)



- Red (9%)
- Yellow (14%)
- Blue (25%)



- Cyan (63%)
- Magenta (38%)
- Yellow (0%)
- Black (74%)



- Cyan (91%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 18.024, 277.229 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 16, 18.024, 277.229 by changing the saturation by 10% instead.

■ 16, 18.024,
277.229

■ 16, 18.024,
277.229

■ 100, 18.024,
277.229

■ 6, 18.024, 277.229

■ 36, 18.024,
277.229

■ 0, 18.024, 277.229

■ 46, 18.024,
277.229


■ 56, 18.024,
277.229


■ 66, 18.024,
277.229


■ 76, 18.024,
277.229


■ 86, 18.024,


277.229


 96, 18.024,
277.229


 16, 18.024,
277.229


 16, 18.024,
277.229

 14, 20.980,
279.963


 18, 15.105,
274.813

 13, 23.990,
283.003

 20, 12.214,
272.700

 11, 27.091,
285.987

 21, 9.344, 270.863

 10, 29.341,
287.740

 23, 6.492, 269.271

 25, 3.658, 267.896

 27, 0.845, 266.800

■ 29, 1.946, 85.523

■ 31, 4.712, 84.628

■ 33, 7.450, 83.813

Harmonies

Complementary

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



16, 18.024, 277.229



22, 18.929, 78.827

Rectangle

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



16, 18.024, 277.229



16, 18.024, 327.229



16, 18.024, 97.229



16, 18.024, 147.229

Sweetspot

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



16, 18.024, 277.230



31, 6.634, 268.807



24, 19.895, 163.199



15, 4.608, 268.996



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



16, 18.024, 277.230



19, 27.142, 281.807



11, 29.747, 300.892



12, 1.587, 267.353



17, 40.972, 290.454



42, 81.850, 293.618

Inverse Universe

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



15, 21.947, 357.257



18, 31.603, 0.698



26, 25.498, 109.774



12, 1.921, 350.639



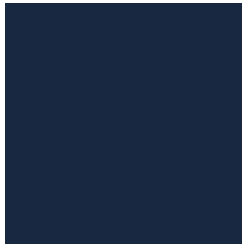
19, 41.602, 9.071



48, 77.278, 13.377

Previews

White Background



This preview shows how the CIE LCh color 16, 18.024, 277.229 looks on a white background.

Color Contrast Check

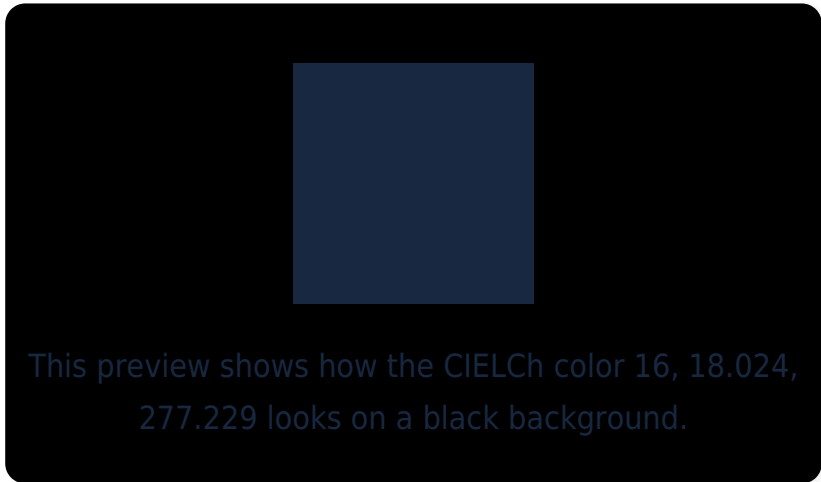
Large Text (above 18pt) WCAG AA ✓ Pass

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

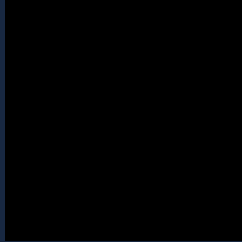
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 18.024, 277.229

Background



This preview shows how black text looks on a background with the CIELCh color 16, 18.024, 277.229.



This preview shows how white text looks on a background with the CIELCh color 16, 18.024, 277.229.

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

16, 18.024, 277.229

Protanopia

16, 17.663, 284.136

Deuteranopia

16, 18.024, 277.229



Tritanopia
16, 11.016, 208.360

Trichromacy



Original Color
16, 18.024, 277.229

Protanomaly
16, 17.766, 282.084

Deuteranomaly
16, 18.024, 277.229

Tritanomaly
16, 11.516, 240.434

Monochromacy



Original Color
16, 18.024, 277.229

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 6.765, 269.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 18.024, 277.229 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(24, 40, 65)` looks like.

```
.text, #text, p{  
    color:rgb(24, 40, 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(24, 40, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 40, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 18.024, 277.229 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(24, 40, 65) }
```

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

```
.border{ border-color:rgb(24, 40, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 40, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 40, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 40, 65);  
box-shadow:4px 4px 4px 4px rgb(24, 40, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 18.024, 277.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 40, 65) }
```

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

```
.background{ background-color: rgb(24, 40,  
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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