

Converting Colors

CIELCh(16, 19.594, 265.072)

Have a look what the booklet for
CIELCh(16, 19.594, 265.072)
contains.

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Color

CIELCh(16, 19.353, 264.482)

Conversions

Conversions Part 1

Format	Color
Hex	062A43
RGB	6, 42, 67
RGB Percent	2%, 16%, 26%
CMY	0.9765, 0.8353, 0.7373
CMYK	0.91, 0.37, 0.00, 0.74
HSL	205°, 84%, 14%
HSV	205°, 91%, 26%
XYZ	1.9157, 2.0993, 5.6133
YIQ	34.0860, -29.4810, 0.1430

Conversions

Conversions Part 2

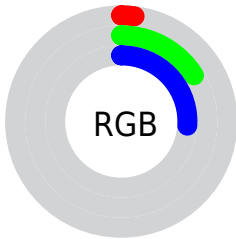
Format	Color
RYB	6, 29, 67
Decimal	404035
CIELab	16.00, -1.86, -19.26
CIELCh	16, 19.353, 264.482
Yxy	2.0993, 0.1990, 0.2180
Android (android.graphics.Color)	4278594115 (0xFF062A43)
YUV	34.0860, 16.2266, -24.6314
Hunter-Lab	14.4890, -1.7555, -12.8275

Details

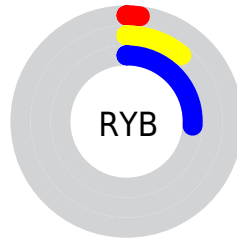
The CIELCh color **16, 19.353, 264.482** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16, 26.775, 55.160**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 19.308, 263.897**, and **1, 11.732, 288.824** is the 20% darker color. If you saturate the color by 10%, you get **15, 21.032, 267.163**, and if you desaturate by 10%, it is **17, 17.570, 260.976**.

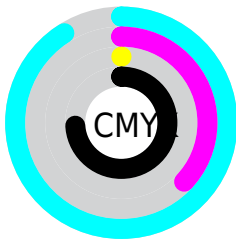
Distribution



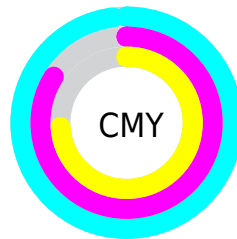
- Red (2%)
- Green (16%)
- Blue (26%)



- Red (2%)
- Yellow (11%)
- Blue (26%)



- Cyan (91%)
- Magenta (37%)
- Yellow (0%)
- Black (74%)



- Cyan (98%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 19.353, 264.482 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, 19.353, 264.482 by changing the saturation by 10% instead.

■ 16, 19.353,
264.482

■ 16, 19.353,
264.482

■ 100, 19.353,
264.482

■ 6, 19.353, 264.482

■ 36, 19.353,
264.482

■ 0, 19.353, 264.482

■ 46, 19.353,
264.482


■ 56, 19.353,
264.482


■ 66, 19.353,
264.482


■ 76, 19.353,
264.482


■ 86, 19.353,


264.482


 96, 19.353,
264.482


 16, 19.353,
264.482


 16, 19.353,
264.482

 15, 21.032,
267.163

 17, 17.570,
260.976

 18, 15.744,
257.722

 20, 13.820,
254.921

 21, 11.788,
252.541

 22, 9.651, 250.532

■ 24, 7.417, 248.845

■ 25, 5.098, 247.433

■ 27, 2.708, 246.266

■ 28, 0.262, 245.943

Harmonies

Complementary

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



16, 19.353, 264.482



16, 26.775, 55.160

Rectangle

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



16, 19.353, 264.482



16, 19.353, 314.482



16, 19.353, 84.482



16, 19.353, 134.482

Sweetspot

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



16, 19.353, 264.483



32, 8.026, 248.403



24, 32.798, 148.666



14, 5.314, 248.571



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, 19.353, 264.483



20, 25.775, 269.424



6, 40.367, 300.541



12, 1.356, 246.013



23, 28.156, 270.251



54, 55.149, 274.371

Inverse Universe

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



13, 31.953, 348.612



17, 40.206, 351.159



25, 32.045, 97.539



12, 2.195, 339.612



19, 43.313, 351.634



49, 78.841, 354.202

Previews

White Background



This preview shows how the CIELCh color 16, 19.353, 264.482 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 16, 19.353, 264.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

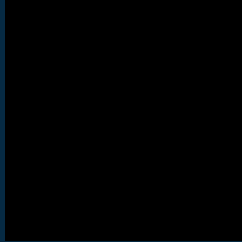
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 19.353, 264.482

Background



This preview shows how black text looks on a background with the CIELCh color 16, 19.353, 264.482.



This preview shows how white text looks on a background with the CIELCh color 16, 19.353, 264.482.

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, 19.353, 264.482

Protanopia

16, 18.338, 284.794

Deuteranopia

16, 18.819, 275.597



Tritanopia
16, 14.463, 205.048

Trichromacy



Original Color
16, 19.353, 264.482

Protanomaly
16, 18.868, 275.833

Deuteranomaly
16, 19.236, 271.540

Tritanomaly
16, 14.341, 230.209

Monochromacy



Original Color
16, 19.353, 264.482

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 8.147, 251.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 19.353, 264.482 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, 42, 67)` looks like.

```
.text, #text, p{  
    color:rgb(6, 42, 67)  
}
```

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, 42, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 42, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 19.353, 264.482 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, 42, 67) }
```

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

```
.border{ border-color:rgb(6, 42, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 42, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 42, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 42, 67); box-shadow:4px  
4px 4px 4px rgb(6, 42, 67) }
```

Background

The CSS property to change the background color of an element to CIELCh 16, 19.353, 264.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 42, 67) }
```

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

```
.background{ background-color: rgb(6, 42,  
67) }
```

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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