

Converting Colors

CIELCh(15, 19.266, 265.091)

Have a look what the booklet for
CIELCh(15, 19.266, 265.091)
contains.

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Color

CIELCh(15, 19.400, 265.125)

Conversions

Conversions Part 1

Format	Color
Hex	042841
RGB	4, 40, 65
RGB Percent	2%, 16%, 25%
CMY	0.9853, 0.8439, 0.7459
CMYK	0.94, 0.39, 0.00, 0.75
HSL	205°, 89%, 13%
HSV	205°, 94%, 25%
XYZ	1.7477, 1.9086, 5.2465
YIQ	32.0860, -29.4810, 0.1430

Conversions

Conversions Part 2

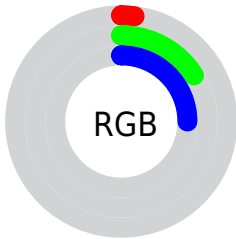
Format	Color
R_{YB}	4, 27, 65
Decimal	272449
CIE _{Lab}	15.00, -1.65, -19.33
CIE _{LCh}	15, 19.400, 265.125
Yxy	1.9086, 0.1963, 0.2144
Android (android.graphics.Color)	4278462529 (0xFF042841)
YUV	32.0860, 16.2266, -24.6314
Hunter-Lab	13.8151, -1.5948, -12.8457

Details

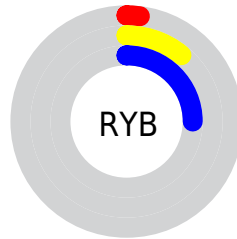
The CIELCh color **15, 19.400, 265.125** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **15, 26.566, 54.240**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 19.234, 264.873**, and **1, 10.257, 288.629** is the 20% darker color. If you saturate the color by 10%, you get **14, 20.470, 266.750**, and if you desaturate by 10%, it is **16, 17.636, 261.841**.

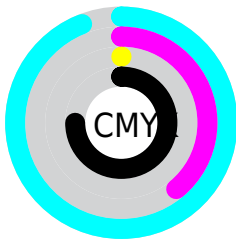
Distribution



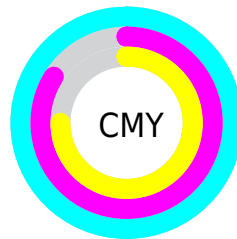
- Red (2%)
- Green (16%)
- Blue (25%)



- Red (2%)
- Yellow (11%)
- Blue (25%)



- Cyan (94%)
- Magenta (39%)
- Yellow (0%)
- Black (75%)



- Cyan (99%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 19.400, 265.125 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 15, 19.400, 265.125 by changing the saturation by 10% instead.

■ 15, 19.400,
265.125

■ 15, 19.400,
265.125

■ 100, 19.400,
265.125

■ 5, 19.400, 265.125

■ 35, 19.400,
265.125

■ 0, 19.400, 265.125

■ 45, 19.400,
265.125


■ 55, 19.400,
265.125


■ 65, 19.400,
265.125


■ 75, 19.400,
265.125


■ 85, 19.400,


265.125

 95, 19.400,
265.125


 15, 19.400,
265.125


 15, 19.400,
265.125


 14, 20.470,
266.750

 16, 17.636,
261.841

 17, 15.886,
258.482

 19, 14.045,
255.577

 20, 12.102,
253.099

 21, 10.054,
251.002

■ 23, 7.909, 249.238

■ 24, 5.678, 247.758

■ 25, 3.375, 246.526

■ 27, 1.012, 245.599

Harmonies

Complementary

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



15, 19.400, 265.125



15, 26.566, 54.240

Rectangle

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



15, 19.400, 265.125



15, 19.400, 315.125



15, 19.400, 85.125



15, 19.400, 135.125

Sweetspot

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



15, 19.400, 265.126



31, 8.106, 248.463



23, 32.824, 148.351



14, 5.629, 248.773



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



15, 19.400, 265.126



20, 25.145, 269.106



6, 40.019, 300.260



12, 1.355, 245.941



23, 28.125, 270.170



54, 55.081, 274.291

Inverse Universe

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



12, 31.937, 348.917



16, 39.431, 350.979



24, 31.938, 97.383



12, 2.196, 339.583



19, 43.324, 351.586



49, 78.860, 354.150

Previews

White Background



This preview shows how the CIELCh color 15, 19.400, 265.125 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 15, 19.400, 265.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

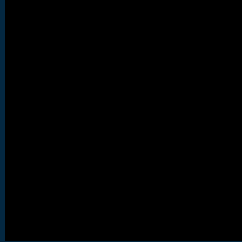
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 19.400, 265.125

Background



This preview shows how black text looks on a background with the CIELCh color 15, 19.400, 265.125.



This preview shows how white text looks on a background with the CIELCh color 15, 19.400, 265.125.

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


15, 19.400, 265.125

Protanopia

15, 18.464, 285.089

Deuteranopia

15, 18.984, 275.355



Tritanopia
15, 14.060, 205.360

Trichromacy



Original Color
15, 19.400, 265.125

Protanomaly
15, 18.969, 276.329

Deuteranomaly
15, 19.374, 271.614

Tritanomaly
15, 14.168, 230.929

Monochromacy



Original Color
15, 19.400, 265.125

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 8.180, 251.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 19.400, 265.125 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(4, 40, 65)` looks like.

```
.text, #text, p{  
    color:rgb(4, 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(4, 40, 65) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 15, 19.400, 265.125 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(4, 40, 65) }
```

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

```
.border{ border-color:rgb(4, 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(4, 40, 65) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 15, 19.400, 265.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 40, 65) }
```

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

```
.background{ background-color: rgb(4, 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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