

Converting Colors

CIELCh(17, 19.896, 265.501)

Have a look what the booklet for
CIELCh(17, 19.896, 265.501)
contains.

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Color

CIELCh(17, 19.869, 265.232)

Conversions

Conversions Part 1

Format	Color
Hex	082C46
RGB	8, 44, 70
RGB Percent	3%, 17%, 27%
CMY	0.9682, 0.8272, 0.7252
CMYK	0.88, 0.37, 0.00, 0.73
HSL	205°, 79%, 15%
HSV	205°, 88%, 27%
XYZ	2.1130, 2.3023, 6.1405
YIQ	36.2000, -29.8020, 0.4540

Conversions

Conversions Part 2

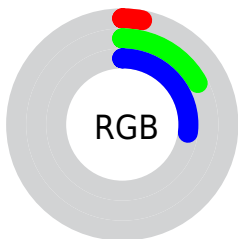
Format	Color
R _Y B	8, 31, 70
Decimal	535622
CIE Lab	17.00, -1.65, -19.80
CIE LCh	17, 19.869, 265.232
Yxy	2.3023, 0.2002, 0.2181
Android (android.graphics.Color)	4278725702 (0xFF082C46)
YUV	36.2000, 16.6634, -24.7314
Hunter-Lab	15.1734, -1.6968, -13.3724

Details

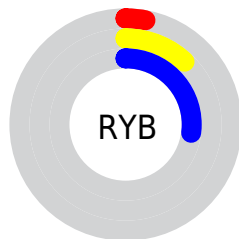
The CIELCh color **17, 19.869, 265.232** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18, 27.343, 56.884**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 20.179, 266.597**, and **1, 14.128, 289.097** is the 20% darker color. If you saturate the color by 10%, you get **16, 21.845, 268.478**, and if you desaturate by 10%, it is **18, 17.967, 261.622**.

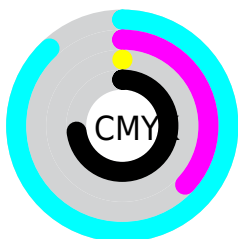
Distribution



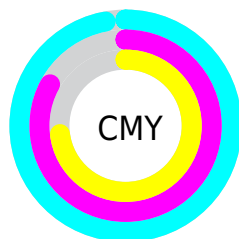
- Red (3%)
- Green (17%)
- Blue (27%)



- Red (3%)
- Yellow (12%)
- Blue (27%)



- Cyan (88%)
- Magenta (37%)
- Yellow (0%)
- Black (73%)



- Cyan (97%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 19.869, 265.232 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 17, 19.869, 265.232 by changing the saturation by 10% instead.

■ 17, 19.869,
265.232

■ 17, 19.869,
265.232

■ 100, 19.869,
265.232

■ 7, 19.869, 265.232

■ 37, 19.869,
265.232

■ 0, 19.869, 265.232

■ 47, 19.869,
265.232


■ 57, 19.869,
265.232


■ 67, 19.869,
265.232


■ 77, 19.869,
265.232


■ 87, 19.869,

265.232


 97, 19.869,
265.232


 17, 19.869,
265.232


 17, 19.869,
265.232


 16, 21.845,
268.478

 18, 17.967,
261.622

 16, 22.169,
268.938

 20, 15.997,
258.427

 21, 13.930,
255.681

 22, 11.758,
253.348

 24, 9.484, 251.381

■ 25, 7.117, 249.726

■ 27, 4.671, 248.341

■ 28, 2.158, 247.209

■ 30, 0.407, 65.612

Harmonies

Complementary

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



17, 19.869, 265.232



18, 27.343, 56.884

Rectangle

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



17, 19.869, 265.232



17, 19.869, 315.232



17, 19.869, 85.232



17, 19.869, 135.232

Sweetspot

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



17, 19.869, 265.233



34, 8.465, 249.680



25, 32.733, 149.647



15, 5.611, 249.879



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



17, 19.869, 265.233



21, 27.472, 271.190



7, 41.728, 301.095



13, 1.451, 247.229



23, 29.286, 271.759



54, 56.801, 275.700

Inverse Universe

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



14, 32.282, 349.004



18, 41.584, 352.188



27, 32.898, 98.710



13, 2.323, 340.102



20, 43.891, 352.533



49, 79.195, 355.112

Previews

White Background



This preview shows how the CIELCh color 17, 19.869, 265.232 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 17, 19.869, 265.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

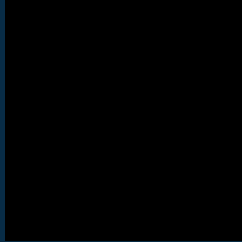
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 19.869, 265.232

Background



This preview shows how black text looks on a background with the CIELCh color 17, 19.869, 265.232.



This preview shows how white text looks on a background with the CIELCh color 17, 19.869, 265.232.

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

17, 19.869, 265.232

Protanopia

17, 18.887, 285.135

Deuteranopia

17, 19.420, 275.428



Tritanopia
17, 14.863, 204.757

Trichromacy



Original Color
17, 19.869, 265.232

Protanomaly
17, 19.401, 276.383

Deuteranomaly
17, 19.764, 272.135

Tritanomaly
17, 14.530, 229.480

Monochromacy



Original Color
17, 19.869, 265.232

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 8.114, 250.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 19.869, 265.232 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(8, 44, 70)` looks like.

```
.text, #text, p{  
    color:rgb(8, 44, 70)  
}
```

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(8, 44, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 44, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 19.869, 265.232 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(8, 44, 70) }
```

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

```
.border{ border-color:rgb(8, 44, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 44, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 44, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 44, 70); box-shadow:4px  
4px 4px 4px rgb(8, 44, 70) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 19.869, 265.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 44, 70) }
```

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

```
.background{ background-color: rgb(8, 44,  
70) }
```

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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