

Converting Colors

CIELCh(26, 17.891, 192.872)

Have a look what the booklet for
CIELCh(26, 17.891, 192.872)
contains.

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Color

CIELCh(26, 17.917, 192.361)

Conversions

Conversions Part 1

Format	Color
Hex	0F4543
RGB	15, 69, 67
RGB Percent	6%, 27%, 26%
CMY	0.9418, 0.7299, 0.7377
CMYK	0.78, 0.00, 0.03, 0.73
HSL	178°, 65%, 16%
HSV	178°, 78%, 27%
XYZ	3.3254, 4.7465, 6.0336
YIQ	52.6260, -31.5420, -12.0700

Conversions

Conversions Part 2

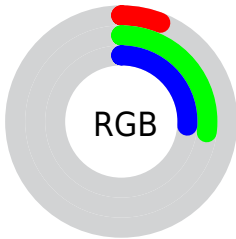
Format	Color
RYB	15, 43, 69
Decimal	1000771
CIELab	26.00, -17.50, -3.84
CIELCh	26, 17.917, 192.361
Yxy	4.7465, 0.2358, 0.3365
Android (android.graphics.Color)	4279190851 (0xFF0F4543)
YUV	52.6260, 7.0864, -32.9980
Hunter-Lab	21.7865, -10.8808, -1.1694

Details

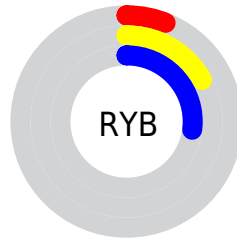
The CIELCh color **26, 17.917, 192.361** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 29.044, 27.121**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 17.985, 191.705**, and **8, 10.332, 185.811** is the 20% darker color. If you saturate the color by 10%, you get **26, 18.945, 191.918**, and if you desaturate by 10%, it is **26, 16.570, 192.810**.

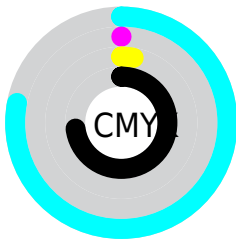
Distribution



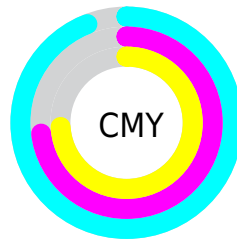
- Red (6%)
- Green (27%)
- Blue (26%)



- Red (6%)
- Yellow (17%)
- Blue (27%)



- Cyan (78%)
- Magenta (0%)
- Yellow (3%)
- Black (73%)





- Cyan (94%)
- Magenta (73%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 17.917, 192.361 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 26, 17.917, 192.361 by changing the saturation by 10% instead.


 26, 17.917,
192.361


 26, 17.917,
192.361

 100, 17.917,
192.361


 16, 17.917,
192.361


 46, 17.917,
192.361


 6, 17.917, 192.361

 56, 17.917,
192.361

 0, 17.917, 192.361

 66, 17.917,
192.361

 76, 17.917,
192.361

 86, 17.917,
192.361

 96, 17.917,

192.361

■ 26, 17.917,
192.361

■ 26, 17.917,
192.361

■ 26, 18.945,
191.918

■ 26, 16.570,
192.810

■ 26, 19.912,
191.500

■ 26, 14.893,
193.275

■ 26, 20.064,
191.438

■ 27, 12.907,
193.758

■ 27, 10.641,
194.261

■ 28, 8.131, 194.788

■ 28, 5.416, 195.341

■ 29, 2.535, 195.950

■ 29, 0.474, 15.878

■ 30, 3.579, 16.927

Harmonies

Complementary

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



26, 17.917, 192.361



13, 29.044, 27.121

Rectangle

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



26, 17.917, 192.361



26, 17.917, 242.361



26, 17.917, 12.361



26, 17.917, 62.361

Sweetspot

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



26, 17.917, 192.360



36, 8.589, 194.977



25, 39.210, 137.439



18, 5.922, 194.880



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 17.917, 192.360



34, 23.398, 191.508



17, 18.503, 265.488



14, 1.722, 195.937



38, 25.830, 191.174



82, 47.293, 190.797

Inverse Universe

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



13, 29.044, 27.121



17, 42.332, 32.124



19, 24.179, 61.750



13, 1.801, 16.779



19, 48.646, 34.161



47, 94.265, 38.843

Previews

White Background



This preview shows how the CIE LCh color 26, 17.917, 192.361 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 26, 17.917, 192.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

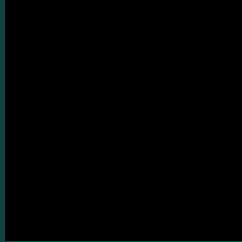
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 17.917, 192.361

Background



This preview shows how black text looks on a background with the CIELCh color 26, 17.917, 192.361.



This preview shows how white text looks on a background with the CIELCh color 26, 17.917, 192.361.

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
26, 17.917, 192.361

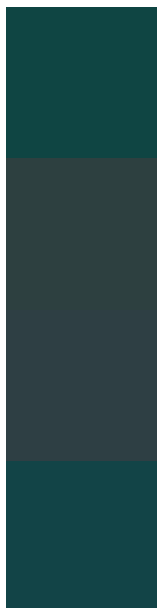
Protanopia
26, 0.802, 324.379

Deuteranopia
26, 6.180, 307.653



Tritanopia
26, 15.997, 208.986

Trichromacy



Original Color
26, 17.917, 192.361

Protanomaly
26, 7.894, 198.109

Deuteranomaly
25, 7.541, 224.400

Tritanomaly
26, 16.459, 203.836

Monochromacy



Original Color
26, 17.917, 192.361

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 8.427, 193.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 17.917, 192.361 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(15, 69, 67)` looks like.

```
.text, #text, p{  
    color:rgb(15, 69, 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(15, 69, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 69, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 17.917, 192.361 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(15, 69, 67) }
```

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

```
.border{ border-color:rgb(15, 69, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 69, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 69, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 69, 67);  
box-shadow:4px 4px 4px 4px rgb(15, 69, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 17.917, 192.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 69, 67) }
```

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

```
.background{ background-color: rgb(15, 69,  
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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