

Converting Colors

CIELCh(20, 69.904, 345.857)

Have a look what the booklet for
CIELCh(20, 69.904, 345.857)
contains.

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Color

CIELCh(26, 51.329, 350.508)

Conversions

Conversions Part 1

Format	Color
Hex	7B014C
RGB	123, 1, 76
RGB Percent	48%, 0%, 30%
CMY	0.5183, 0.9944, 0.7031
CMYK	0.00, 0.99, 0.38, 0.52
HSL	323°, 98%, 24%
HSV	323°, 99%, 48%
XYZ	9.4533, 4.7465, 7.2006
YIQ	46.0280, 48.6370, 49.1890

Conversions

Conversions Part 2

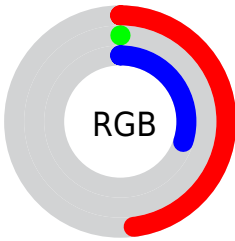
Format	Color
R_{YB}	123, 1, 76
Decimal	8061260
CIE _{Lab}	26.00, 50.63, -8.46
CIE _{LCh}	26, 51.329, 350.508
Yxy	4.7465, 0.4417, 0.2218
Android (android.graphics.Color)	4286251340 (0xFF7B014C)
YUV	46.0280, 14.7762, 67.5044
Hunter-Lab	21.7865, 39.3264, -4.3453

Details

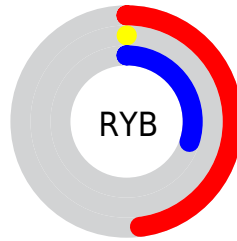
The CIELCh color **26, 51.329, 350.508** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **45, 56.169, 145.225**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 51.543, 350.039**, and **12, 33.217, 0.063** is the 20% darker color. If you saturate the color by 10%, you get **26, 51.499, 350.765**, and if you desaturate by 10%, it is **27, 49.896, 348.253**.

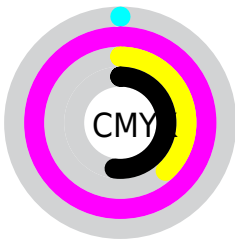
Distribution



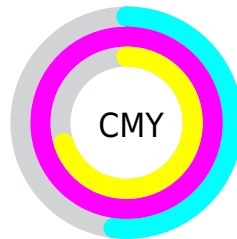
- Red (48%)
- Green (0%)
- Blue (30%)



- Red (48%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (99%)
- Yellow (38%)
- Black (52%)





- Cyan (52%)
- Magenta (99%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 51.329, 350.508 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, 51.329, 350.508 by changing the saturation by 10% instead.

 26, 51.329,
350.508


 26, 51.329,
350.508

 100, 51.329,
350.508


 16, 51.329,
350.508


 46, 51.329,
350.508


 6, 51.329, 350.508

 56, 51.329,
350.508

 0, 51.329, 350.508

 66, 51.329,
350.508

 76, 51.329,
350.508

 86, 51.329,
350.508

 96, 51.329,

350.508

■ 26, 51.329,
350.508

■ 26, 51.329,
350.508

■ 26, 51.499,
350.765

■ 27, 49.896,
348.253

■ 28, 47.411,
346.306

■ 30, 43.530,
344.709

■ 33, 38.495,
343.371

■ 35, 32.617,
342.220

■ 38, 26.199,
341.205

■ 42, 19.493,
340.293

■ 45, 12.687,
339.457

■ 48, 5.910, 338.672

Harmonies

Complementary

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



26, 51.329, 350.508



45, 56.169, 145.225

Rectangle

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



26, 51.329, 350.508



26, 51.329, 40.508



26, 51.329, 170.508



26, 51.329, 220.508

Sweetspot

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



26, 51.327, 350.509



53, 25.255, 340.459



16, 73.530, 309.916



26, 17.359, 340.773



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



26, 51.327, 350.509



35, 62.317, 351.542



25, 55.468, 32.689



24, 3.752, 338.689



26, 52.119, 350.820



55, 86.897, 352.524

Inverse Universe

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



26, 51.327, 350.509



35, 62.317, 351.542



46, 32.385, 180.805



24, 3.752, 338.689



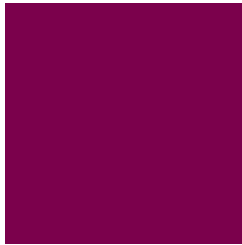
26, 52.119, 350.820



55, 86.897, 352.524

Previews

White Background



This preview shows how the CIE LCh color 26, 51.329, 350.508 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 CIE LCh color 26, 51.329, 350.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

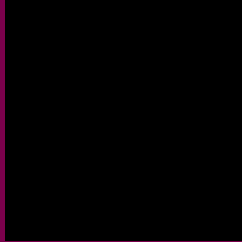
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 51.329, 350.508

Background



This preview shows how black text looks on a background with the CIELCh color 26, 51.329, 350.508.



This preview shows how white text looks on a background with the CIELCh color 26, 51.329, 350.508.

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, 51.501, 350.355

Protanopia

28, 28.702, 284.952

Deuteranopia

27, 5.283, 320.883



Tritanopia
27, 44.898, 30.294

Trichromacy



Original Color
26, 51.501, 350.355

Protanomaly
23, 37.893, 315.388

Deuteranomaly
24, 28.065, 340.791

Tritanomaly
26, 44.945, 14.312

Monochromacy



Original Color
26, 51.501, 350.355

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 25.823, 342.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 51.329, 350.508 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(123, 1, 76)` looks like.

```
.text, #text, p{  
    color:rgb(123, 1, 76)  
}
```

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(123, 1, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 1, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 51.329, 350.508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

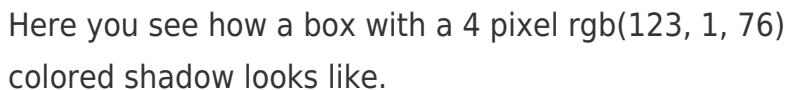
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 1, 76) }
```

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

```
.border{ border-color:rgb(123, 1, 76) }
```

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



Here you see how a box with a 4 pixel `rgb(123, 1, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 1, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 1, 76);  
box-shadow:4px 4px 4px 4px rgb(123, 1, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 51.329, 350.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 1, 76) }
```

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

```
.background{ background-color: rgb(123, 1,  
76) }
```

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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