

Converting Colors

CIELCh(26, 47.717, 3.773)

Have a look what the booklet for
CIELCh(26, 47.717, 3.773) contains.

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Color

CIELCh(26, 47.721, 3.334)

Conversions

Conversions Part 1

Format	Color
Hex	7B093B
RGB	123, 9, 59
RGB Percent	48%, 4%, 23%
CMY	0.5169, 0.9632, 0.7680
CMYK	0.00, 0.92, 0.52, 0.52
HSL	334°, 86%, 26%
HSV	334°, 92%, 48%
XYZ	9.0925, 4.7465, 4.5964
YIQ	48.7860, 51.8940, 39.7180

Conversions

Conversions Part 2

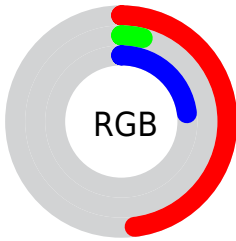
Format	Color
R_{YB}	123, 9, 59
Decimal	8063291
CIE _{Lab}	26.00, 47.64, 2.78
CIE _{LCh}	26, 47.721, 3.334
Yxy	4.7465, 0.4932, 0.2575
Android (android.graphics.Color)	4286253371 (0xFF7B093B)
YUV	48.7860, 5.0355, 65.0857
Hunter-Lab	21.7865, 36.3699, 2.7418

Details

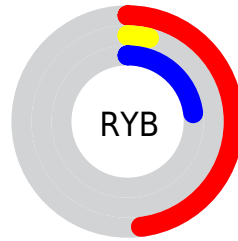
The CIELCh color **26, 47.721, 3.334** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **45, 45.472, 154.890**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 47.554, 3.382**, and **11, 33.364, 18.146** is the 20% darker color. If you saturate the color by 10%, you get **25, 49.271, 6.175**, and if you desaturate by 10%, it is **27, 45.336, 359.849**.

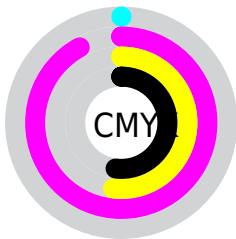
Distribution



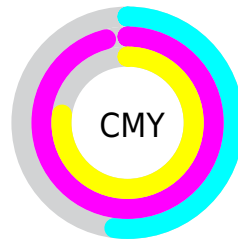
- Red (48%)
- Green (4%)
- Blue (23%)



- Red (48%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (92%)
- Yellow (52%)
- Black (52%)



- Cyan (52%)
- Magenta (96%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 47.721, 3.334 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, 47.721, 3.334 by changing the saturation by 10% instead.

 26, 47.721, 3.334  26, 47.721, 3.334

 100, 47.721, 3.334  16, 47.721, 3.334

 46, 47.721, 3.334  6, 47.721, 3.334

 56, 47.721, 3.334  0, 47.721, 3.334

 66, 47.721, 3.334

 76, 47.721, 3.334

 86, 47.721, 3.334

 96, 47.721, 3.334

 26, 47.721, 3.334  26, 47.721, 3.334

 25, 49.271, 6.175  27, 45.336,

359.849

■ 29, 41.764,
357.074

■ 31, 37.148,
354.855

■ 34, 31.754,
353.053

■ 37, 25.869,
351.556

■ 40, 19.736,
350.283

■ 44, 13.540,
349.177

■ 47, 7.406, 348.191

■ 51, 1.412, 347.153

Harmonies

Complementary

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



26, 47.721, 3.334



45, 45.472, 154.890

Rectangle

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



26, 47.721, 3.334



26, 47.721, 53.334



26, 47.721, 183.334



26, 47.721, 233.334

Sweetspot

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



26, 47.719, 3.335



54, 21.151, 349.856



20, 68.593, 313.674



26, 14.748, 350.274



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, 47.719, 3.335



34, 59.767, 7.462



26, 55.413, 37.649



24, 3.333, 347.877



26, 49.772, 6.251



54, 83.873, 9.091

Inverse Universe

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



26, 47.719, 3.335



34, 59.767, 7.462



45, 26.984, 203.934



24, 3.333, 347.877



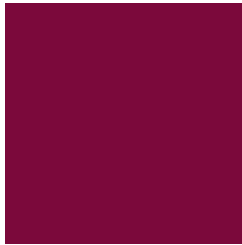
26, 49.772, 6.251



54, 83.873, 9.091

Previews

White Background



This preview shows how the CIE LCh color 26, 47.721, 3.334 looks on a white background.

Color Contrast Check

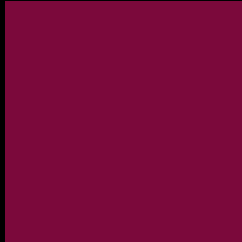
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.721, 3.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

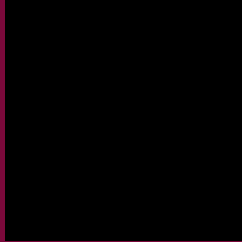
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 47.721, 3.334

Background



This preview shows how black text looks on a background with the CIELCh color 26, 47.721, 3.334.



This preview shows how white text looks on a background with the CIELCh color 26, 47.721, 3.334.

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, 47.721, 3.334

Protanopia

27, 14.398, 285.314

Deuteranopia

27, 7.799, 61.433



Tritanopia
26, 48.662, 32.540

Trichromacy



Original Color
26, 47.721, 3.334

Protanomaly
24, 26.703, 331.654

Deuteranomaly
25, 24.071, 5.112

Tritanomaly
26, 46.994, 22.251

Monochromacy



Original Color
26, 47.721, 3.334

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 22.001, 352.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 47.721, 3.334 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, 9, 59)` looks like.

```
.text, #text, p{  
    color:rgb(123, 9, 59)  
}
```

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, 9, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 9, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 47.721, 3.334 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, 9, 59) }
```

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

```
.border{ border-color:rgb(123, 9, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 9, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 9, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 9, 59);  
box-shadow:4px 4px 4px 4px rgb(123, 9, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 47.721, 3.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 9, 59) }
```

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

```
.background{ background-color: rgb(123, 9,  
59) }
```

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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