

Converting Colors

CIELCh(23, 67.443, 334.091)

Have a look what the booklet for
CIELCh(23, 67.443, 334.091)
contains.

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Color

CIELCh(26, 58.236, 334.315)

Conversions

Conversions Part 1

Format	Color
Hex	750265
RGB	117, 2, 101
RGB Percent	46%, 1%, 40%
CMY	0.5415, 0.9938, 0.6046
CMYK	0.00, 0.99, 0.14, 0.54
HSL	308°, 97%, 23%
HSV	308°, 99%, 46%
XYZ	9.6823, 4.7465, 12.6750
YIQ	47.6710, 36.7610, 55.1690

Conversions

Conversions Part 2

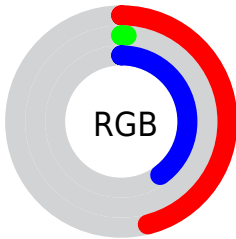
Format	Color
R_{YB}	117, 2, 101
Decimal	7668325
CIE _{Lab}	26.00, 52.48, -25.24
CIE _{LCh}	26, 58.236, 334.315
Yxy	4.7465, 0.3572, 0.1751
Android (android.graphics.Color)	4285858405 (0xFF750265)
YUV	47.6710, 26.2912, 60.8015
Hunter-Lab	21.7865, 41.2025, -19.2434

Details

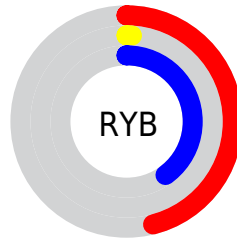
The CIELCh color **26, 58.236, 334.315** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 63.709, 138.149**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 57.882, 334.290**, and **12, 38.540, 334.607** is the 20% darker color. If you saturate the color by 10%, you get **26, 58.493, 334.397**, and if you desaturate by 10%, it is **27, 56.348, 333.699**.

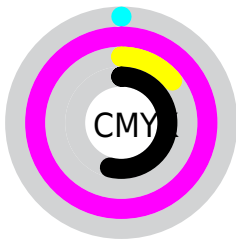
Distribution



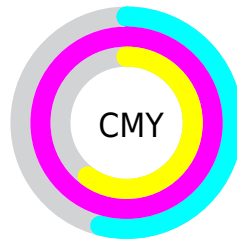
- Red (46%)
- Green (1%)
- Blue (40%)



- Red (46%)
- Yellow (1%)
- Blue (40%)



- Cyan (0%)
- Magenta (99%)
- Yellow (14%)
- Black (54%)





- Cyan (54%)
- Magenta (99%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 58.236, 334.315 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, 58.236, 334.315 by changing the saturation by 10% instead.

 26, 58.236,
334.315


 26, 58.236,
334.315

 100, 58.236,
334.315


 16, 58.236,
334.315


 46, 58.236,
334.315


 6, 58.236, 334.315

 56, 58.236,
334.315

 0, 58.236, 334.315

 66, 58.236,
334.315

 76, 58.236,
334.315

 86, 58.236,
334.315

 96, 58.236,

334.315

■ 26, 58.236,
334.315

■ 26, 58.236,
334.315

■ 26, 58.493,
334.397

■ 27, 56.348,
333.699

■ 28, 53.370,
333.097

■ 30, 48.952,
332.507

■ 32, 43.320,
331.919

■ 34, 36.766,
331.327

■ 37, 29.589,
330.733

■ 40, 22.045,
330.139

■ 43, 14.338,
329.548

■ 46, 6.613, 328.957

Harmonies

Complementary

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



26, 58.236, 334.315



42, 63.709, 138.149

Rectangle

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



26, 58.236, 334.315



26, 58.236, 24.315



26, 58.236, 154.315



26, 58.236, 204.315

Sweetspot

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



26, 58.234, 334.315



51, 28.769, 330.266



12, 73.546, 306.828



24, 19.483, 330.461



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



26, 58.234, 334.315



35, 70.878, 334.582



24, 47.378, 11.951



23, 4.321, 328.982



27, 60.416, 334.432



57, 101.839, 334.830

Inverse Universe

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



26, 58.234, 334.315



35, 70.878, 334.582



43, 42.011, 158.199



23, 4.321, 328.982



27, 60.416, 334.432



57, 101.839, 334.830

Previews

White Background



This preview shows how the CIELCh color 26, 58.236, 334.315 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, 58.236, 334.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

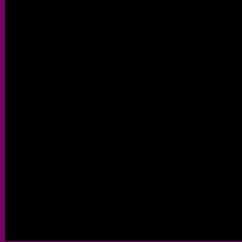
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 58.236, 334.315

Background



This preview shows how black text looks on a background with the CIELCh color 26, 58.236, 334.315.



This preview shows how white text looks on a background with the CIELCh color 26, 58.236, 334.315.

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, 58.212, 334.280

Protanopia

27, 45.641, 285.251

Deuteranopia

27, 20.334, 283.087



Tritanopia
27, 35.606, 25.833

Trichromacy



Original Color
26, 58.212, 334.280

Protanomaly
22, 52.894, 300.773

Deuteranomaly
24, 38.523, 315.616

Tritanomaly
26, 40.868, 359.460

Monochromacy



Original Color
26, 58.212, 334.280

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 29.570, 330.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 58.236, 334.315 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(117, 2, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 2, 101)  
}
```

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(117, 2, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 2, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 58.236, 334.315 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(117, 2, 101) }
```

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

```
.border{ border-color:rgb(117, 2, 101) }
```

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

Here you see how a box with a 4 pixel rgb(117, 2, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 2, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 2, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 2,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 58.236, 334.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 2, 101) }
```

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

```
.background{ background-color: rgb(117, 2,  
101) }
```

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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