

Converting Colors

CIELCh(26, 42.317, 327.385)

Have a look what the booklet for
CIELCh(26, 42.317, 327.385)
contains.

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Color

CIELCh(26, 42.185, 327.316)

Conversions

Conversions Part 1

Format	Color
Hex	612661
RGB	97, 38, 97
RGB Percent	38%, 15%, 38%
CMY	0.6209, 0.8522, 0.6209
CMYK	0.00, 0.61, 0.00, 0.62
HSL	300°, 44%, 26%
HSV	300°, 61%, 38%
XYZ	7.7205, 4.7465, 11.7408
YIQ	62.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

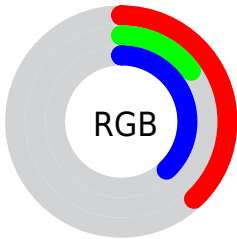
Format	Color
R_{YB}	97, 38, 97
Decimal	6366817
CIE _{Lab}	26.00, 35.51, -22.78
CIE _{LCh}	26, 42.185, 327.316
Yxy	4.7465, 0.3189, 0.1961
Android (android.graphics.Color)	4284556897 (0xFF612661)
YUV	62.3670, 17.0741, 30.3731
Hunter-Lab	21.7865, 25.1285, -16.7010

Details

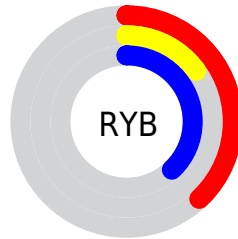
The CIELCh color $26, 42.185, 327.316$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $36, 42.557, 139.584$, and the grayscale version is $26, 0.004, 296.813$.

A 20% lighter version of the original color is $46, 42.061, 327.058$, and $8, 36.698, 326.906$ is the 20% darker color. If you saturate the color by 10%, you get $24, 47.405, 327.648$, and if you desaturate by 10%, it is $28, 36.123, 326.922$.

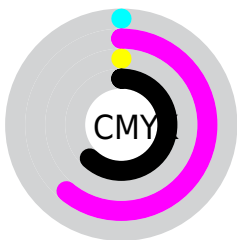
Distribution



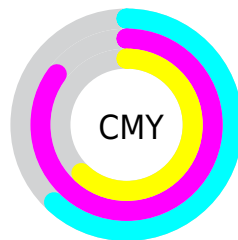
- Red (38%)
- Green (15%)
- Blue (38%)



- Red (38%)
- Yellow (15%)
- Blue (38%)



- Cyan (0%)
- Magenta (61%)
- Yellow (0%)
- Black (62%)





- Cyan (62%)
- Magenta (85%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 42.185, 327.316 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, 42.185, 327.316 by changing the saturation by 10% instead.

 26, 42.185,
327.316


 26, 42.185,
327.316

 100, 42.185,
327.316


 16, 42.185,
327.316


 46, 42.185,
327.316


 6, 42.185, 327.316

 56, 42.185,
327.316

 0, 42.185, 327.316

 66, 42.185,
327.316

 76, 42.185,
327.316

 86, 42.185,
327.316

 96, 42.185,

327.316

■ 26, 42.185,
327.316

■ 26, 42.185,
327.316

■ 24, 47.405,
327.648

■ 28, 36.123,
326.922

■ 23, 51.561,
327.907

■ 30, 29.466,
326.478

■ 22, 54.508,
328.087

■ 33, 22.437,
325.999

■ 22, 56.799,
328.225

■ 35, 15.218,
325.496

■ 38, 7.951, 324.978

■ 41, 0.735, 324.282

■ 44, 6.363, 144.012

■ 47, 13.299,
143.513

■ 49, 20.049,
143.041

Harmonies

Complementary

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



26, 42.185, 327.316



36, 42.557, 139.584

Rectangle

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



26, 42.185, 327.316



26, 42.185, 17.316



26, 42.185, 147.316



26, 42.185, 197.316

Sweetspot

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



26, 42.184, 327.316



46, 16.086, 325.369



19, 39.491, 298.351



23, 11.271, 325.478



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



26, 42.184, 327.316



32, 59.094, 327.764



25, 31.062, 349.060



18, 4.050, 324.865



26, 63.084, 328.225



57, 110.279, 328.224

Inverse Universe

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



24, 30.040, 26.672



28, 45.377, 30.459



37, 29.584, 156.534



18, 2.339, 19.820



22, 54.827, 37.100



50, 99.781, 39.994

Previews

White Background



This preview shows how the CIELCh color 26, 42.185, 327.316 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, 42.185, 327.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

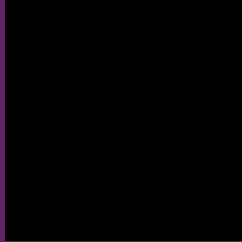
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 42.185, 327.316

Background



This preview shows how black text looks on a background with the CIELCh color 26, 42.185, 327.316.



This preview shows how white text looks on a background with the CIELCh color 26, 42.185, 327.316.

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, 42.185, 327.316

Protanopia

27, 37.333, 285.824

Deuteranopia

26, 20.537, 281.479



Tritanopia
26, 20.336, 16.577

Trichromacy



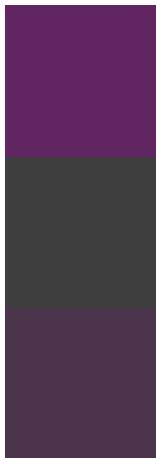
Original Color
26, 42.185, 327.316

Protanomaly
25, 37.390, 298.620

Deuteranomaly
25, 27.458, 305.270

Tritanomaly
26, 25.626, 348.635

Monochromacy



Original Color
26, 42.185, 327.316

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 17.207, 325.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 42.185, 327.316 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(97, 38, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 38, 97)  
}
```

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(97, 38, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 38, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 42.185, 327.316 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(97, 38, 97) }
```

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

```
.border{ border-color:rgb(97, 38, 97) }
```

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

Here you see how a box with a 4 pixel rgb(97, 38, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 38, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 38, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 38, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 42.185, 327.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 38, 97) }
```

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

```
.background{ background-color: rgb(97, 38,  
97) }
```

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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