

Converting Colors

CIELCh(26, 39.694, 335.203)

Have a look what the booklet for
CIELCh(26, 39.694, 335.203)
contains.

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Color

CIELCh(26, 39.481, 335.284)

Conversions

Conversions Part 1

Format	Color
Hex	652457
RGB	101, 36, 87
RGB Percent	40%, 14%, 34%
CMY	0.6030, 0.8580, 0.6580
CMYK	0.00, 0.64, 0.14, 0.60
HSL	313°, 47%, 27%
HSV	313°, 64%, 40%
XYZ	7.7589, 4.7465, 9.5696
YIQ	61.2490, 22.3690, 29.6410

Conversions

Conversions Part 2

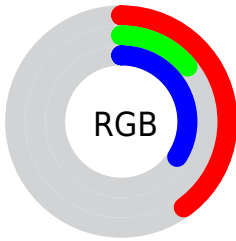
Format	Color
R_{YB}	101, 36, 87
Decimal	6628439
CIE _{Lab}	26.00, 35.86, -16.51
CIE _{LCh}	26, 39.481, 335.284
Yxy	4.7465, 0.3515, 0.2150
Android (android.graphics.Color)	4284818519 (0xFF652457)
YUV	61.2490, 12.6952, 34.8616
Hunter-Lab	21.7865, 25.4434, -10.7922

Details

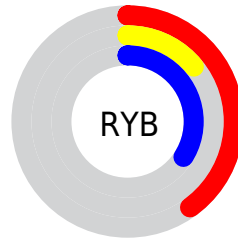
The CIELCh color $[26, 39.481, 335.284]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[38, 39.943, 145.192]$, and the grayscale version is $[26, 0.004, 296.813]$.

A 20% lighter version of the original color is $[46, 39.654, 335.283]$, and $[8, 32.606, 336.125]$ is the 20% darker color. If you saturate the color by 10%, you get $[24, 43.798, 336.065]$, and if you desaturate by 10%, it is $[28, 34.264, 334.552]$.

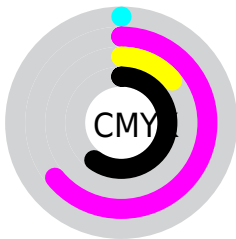
Distribution



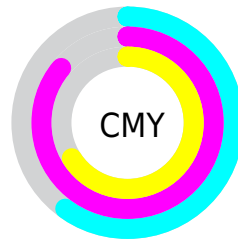
- Red (40%)
- Green (14%)
- Blue (34%)



- Red (40%)
- Yellow (14%)
- Blue (34%)



- Cyan (0%)
- Magenta (64%)
- Yellow (14%)
- Black (60%)





- Cyan (60%)
- Magenta (86%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 39.481, 335.284 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, 39.481, 335.284 by changing the saturation by 10% instead.

 26, 39.481,
335.284

 26, 39.481,
335.284

 100, 39.481,
335.284


 16, 39.481,
335.284


 46, 39.481,
335.284

 6, 39.481, 335.284

 56, 39.481,
335.284

 0, 39.481, 335.284

 66, 39.481,
335.284

 76, 39.481,
335.284

 86, 39.481,
335.284

 96, 39.481,

335.284

■ 26, 39.481,
335.284

■ 26, 39.481,
335.284

■ 24, 43.798,
336.065

■ 28, 34.264,
334.552

■ 23, 46.978,
336.915

■ 30, 28.412,
333.854

■ 22, 48.992,
337.852

■ 33, 22.163,
333.183

■ 21, 50.090,
338.385

■ 36, 15.708,
332.534

■ 39, 9.190, 331.903

■ 42, 2.710, 331.256

■ 45, 3.667, 150.805

■ 48, 9.902, 150.225

■ 51, 15.972,
149.695

Harmonies

Complementary

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



26, 39.481, 335.284



38, 39.943, 145.192

Rectangle

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



26, 39.481, 335.284



26, 39.481, 25.284



26, 39.481, 155.284



26, 39.481, 205.284

Sweetspot

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



26, 39.479, 335.284



48, 15.367, 332.239



20, 43.956, 304.023



23, 10.497, 332.368



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



26, 39.479, 335.284



32, 55.241, 336.485



25, 31.364, 5.049



20, 3.640, 331.572



25, 54.619, 338.568



55, 93.852, 339.354

Inverse Universe

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



26, 39.479, 335.284



32, 55.241, 336.485



38, 26.304, 169.102



20, 3.640, 331.572



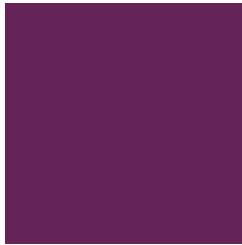
25, 54.619, 338.568



55, 93.852, 339.354

Previews

White Background



This preview shows how the CIELCh color 26, 39.481, 335.284 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, 39.481, 335.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

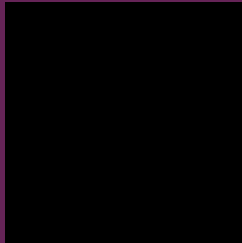
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 39.481, 335.284

Background



This preview shows how black text looks on a background with the CIELCh color 26, 39.481, 335.284.



This preview shows how white text looks on a background with the CIELCh color 26, 39.481, 335.284.

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, 39.481, 335.284

Protanopia

26, 30.839, 285.547

Deuteranopia

27, 13.793, 284.832



Tritanopia
26, 24.938, 20.559

Trichromacy



Original Color
26, 39.481, 335.284

Protanomaly
25, 31.891, 303.616

Deuteranomaly
26, 22.507, 314.819

Tritanomaly
26, 27.865, 357.830

Monochromacy



Original Color
26, 39.481, 335.284

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 16.235, 332.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 39.481, 335.284 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(101, 36, 87)` looks like.

```
.text, #text, p{  
    color:rgb(101, 36, 87)  
}
```

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(101, 36, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 36, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 39.481, 335.284 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(101, 36, 87) }
```

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

```
.border{ border-color:rgb(101, 36, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 36, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 36, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 36, 87);  
box-shadow:4px 4px 4px 4px rgb(101, 36,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 39.481, 335.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 36, 87) }
```

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

```
.background{ background-color: rgb(101, 36,  
87) }
```

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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