

Converting Colors

CIELCh(26, 26.593, 6.389)

Have a look what the booklet for
CIELCh(26, 26.593, 6.389) contains.

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Color

CIELCh(26, 26.641, 6.491)

Conversions

Conversions Part 1

Format	Color
Hex	632C3A
RGB	99, 44, 58
RGB Percent	39%, 17%, 23%
CMY	0.6122, 0.8278, 0.7729
CMYK	0.00, 0.56, 0.41, 0.61
HSL	345°, 39%, 28%
HSV	345°, 56%, 39%
XYZ	6.7938, 4.7465, 4.5498
YIQ	62.0410, 28.2860, 16.0140

Conversions

Conversions Part 2

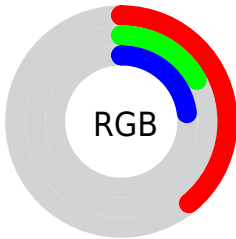
Format	Color
R_{YB}	99, 44, 58
Decimal	6499386
CIE Lab	26.00, 26.47, 3.01
CIE LCh	26, 26.641, 6.491
Yxy	4.7465, 0.4222, 0.2950
Android (android.graphics.Color)	4284689466 (0xFF632C3A)
YUV	62.0410, -1.9922, 32.4130
Hunter-Lab	21.7865, 17.5363, 2.8688

Details

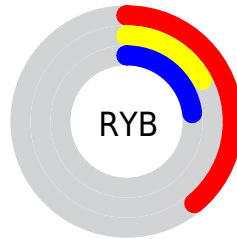
The CIELCh color **26, 26.641, 6.491** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38, 22.125, 173.655**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 26.483, 6.695**, and **6, 25.663, 7.533** is the 20% darker color. If you saturate the color by 10%, you get **24, 31.281, 8.851**, and if you desaturate by 10%, it is **29, 21.756, 4.586**.

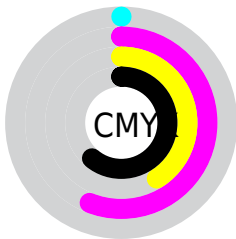
Distribution



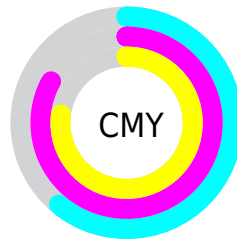
- Red (39%)
- Green (17%)
- Blue (23%)



- Red (39%)
- Yellow (17%)
- Blue (23%)



- Cyan (0%)
- Magenta (56%)
- Yellow (41%)
- Black (61%)



- Cyan (61%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 26.641, 6.491 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, 26.641, 6.491 by changing the saturation by 10% instead.

 26, 26.641, 6.491  26, 26.641, 6.491

 100, 26.641, 6.491  16, 26.641, 6.491

 46, 26.641, 6.491  6, 26.641, 6.491

 56, 26.641, 6.491  0, 26.641, 6.491

 66, 26.641, 6.491

 76, 26.641, 6.491

 86, 26.641, 6.491

 96, 26.641, 6.491

 26, 26.641, 6.491  26, 26.641, 6.491

 24, 31.281, 8.851  29, 21.756, 4.586

■ 22, 35.495, 11.791

■ 31, 16.796, 3.020

■ 20, 39.128, 15.444

■ 34, 11.883, 1.708

■ 19, 42.314, 19.639

■ 37, 7.101, 0.582

■ 19, 43.836, 21.324

■ 40, 2.495, 359.548

■ 43, 1.913, 178.983

■ 46, 6.116, 178.133

■ 50, 10.122,
177.448

■ 53, 13.941,
176.839

Harmonies

Complementary

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



26, 26.641, 6.491



38, 22.125, 173.655

Rectangle

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



26, 26.641, 6.491



26, 26.641, 56.491



26, 26.641, 186.491



26, 26.641, 236.491

Sweetspot

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



26, 26.639, 6.493



47, 9.574, 0.784



26, 38.178, 318.915



23, 6.364, 0.917



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, 26.639, 6.493



31, 39.217, 9.756



29, 23.479, 42.859



18, 2.475, 359.890



22, 48.170, 22.263



50, 86.341, 26.107

Inverse Universe

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



26, 26.639, 6.493



31, 39.217, 9.756



34, 15.999, 228.242



18, 2.475, 359.890



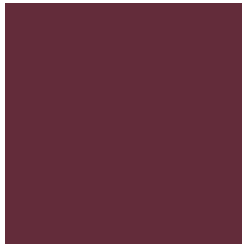
22, 48.170, 22.263



50, 86.341, 26.107

Previews

White Background



This preview shows how the CIELCh color 26, 26.641, 6.491 looks on a white background.

Color Contrast Check

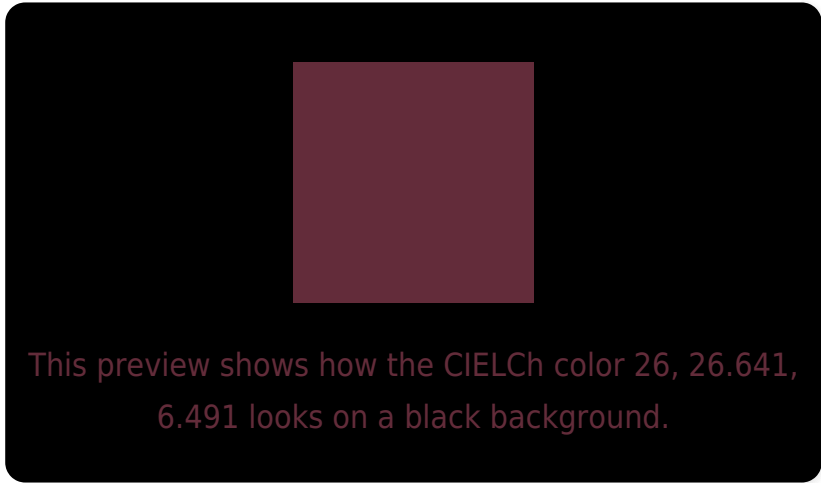
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

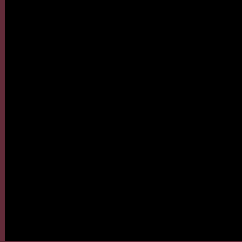
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 26.641, 6.491

Background



This preview shows how black text looks on a background with the CIELCh color 26, 26.641, 6.491.



This preview shows how white text looks on a background with the CIELCh color 26, 26.641, 6.491.

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, 26.641, 6.491

Protanopia

26, 3.925, 290.977

Deuteranopia

26, 6.190, 51.713



Tritanopia
26, 25.489, 20.847

Trichromacy



Original Color
26, 26.641, 6.491

Protanomaly
26, 10.809, 348.694

Deuteranomaly
26, 12.949, 16.276

Tritanomaly
26, 25.680, 15.482

Monochromacy



Original Color
26, 26.641, 6.491

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 10.018, 358.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 26.641, 6.491 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(99, 44, 58)` looks like.

```
.text, #text, p{  
    color:rgb(99, 44, 58)  
}
```

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(99, 44, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 44, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 26.641, 6.491 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(99, 44, 58) }
```

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

```
.border{ border-color:rgb(99, 44, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 44, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 44, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 44, 58);  
box-shadow:4px 4px 4px 4px rgb(99, 44, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 26.641, 6.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 44, 58) }
```

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

```
.background{ background-color: rgb(99, 44,  
58) }
```

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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