

Converting Colors

CIELCh(26, 28.104, 23.153)

Have a look what the booklet for
CIELCh(26, 28.104, 23.153) contains.

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Color

CIELCh(26, 28.182, 23.248)

Conversions

Conversions Part 1

Format	Color
Hex	652C2E
RGB	101, 44, 46
RGB Percent	40%, 17%, 18%
CMY	0.6045, 0.8279, 0.8201
CMYK	0.00, 0.56, 0.55, 0.60
HSL	358°, 39%, 28%
HSV	358°, 56%, 40%
XYZ	6.7373, 4.7465, 3.1336
YIQ	61.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

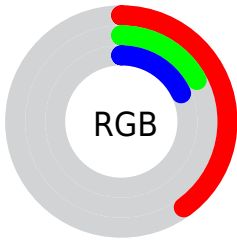
Format	Color
R_{YB}	101, 44, 46
Decimal	6630446
CIE Lab	26.00, 25.89, 11.12
CIE LCh	26, 28.182, 23.248
Yxy	4.7465, 0.4609, 0.3247
Android (android.graphics.Color)	4284820526 (0xFF652C2E)
YUV	61.2710, -7.5286, 34.8423
Hunter-Lab	21.7865, 17.0737, 6.7228

Details

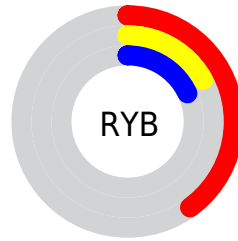
The CIELCh color **26, 28.182, 23.248** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39, 19.610, 193.399**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 28.068, 23.268**, and **6, 27.105, 21.758** is the 20% darker color. If you saturate the color by 10%, you get **24, 33.750, 25.692**, and if you desaturate by 10%, it is **29, 22.643, 21.317**.

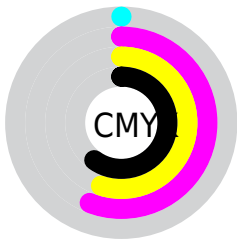
Distribution



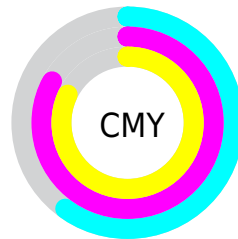
- Red (40%)
- Green (17%)
- Blue (18%)



- Red (40%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (56%)
- Yellow (55%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 28.182, 23.248 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, 28.182, 23.248 by changing the saturation by 10% instead.

■ 26, 28.182, 23.248

■ 26, 28.182, 23.248

■ 100, 28.182,
23.248

■ 16, 28.182, 23.248

■ 46, 28.182, 23.248

■ 6, 28.182, 23.248

■ 56, 28.182, 23.248

■ 0, 28.182, 23.248

■ 66, 28.182, 23.248

■ 76, 28.182, 23.248

■ 86, 28.182, 23.248

■ 96, 28.182, 23.248

■ 26, 28.182, 23.248

■ 26, 28.182, 23.248

24, 33.750, 25.692

29, 22.643, 21.317

22, 39.189, 28.702

31, 17.267, 19.794

20, 44.239, 32.099

34, 12.139, 18.589

19, 48.024, 34.023

37, 7.305, 17.619

19, 49.273, 34.422

41, 2.778, 16.781

44, 1.445, 196.509

47, 5.385, 195.828

50, 9.063, 195.376

54, 12.507,
195.006

Harmonies

Complementary

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



26, 28.182, 23.248



39, 19.610, 193.399

Rectangle

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



26, 28.182, 23.248



26, 28.182, 73.248



26, 28.182, 203.248



26, 28.182, 253.248

Sweetspot

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



26, 28.180, 23.251



48, 9.309, 17.706



28, 40.569, 325.641



24, 6.304, 17.826



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, 28.180, 23.251



31, 42.711, 26.657



32, 23.122, 63.808



19, 2.444, 16.986



22, 55.001, 35.961



51, 99.206, 38.982

Inverse Universe

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



26, 28.180, 23.251



31, 42.711, 26.657



31, 18.798, 259.848



19, 2.444, 16.986



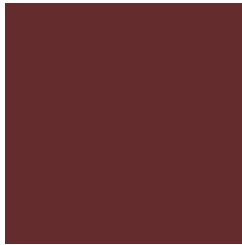
22, 55.001, 35.961



51, 99.206, 38.982

Previews

White Background



This preview shows how the CIELCh color 26, 28.182, 23.248 looks on a white background.

Color Contrast Check

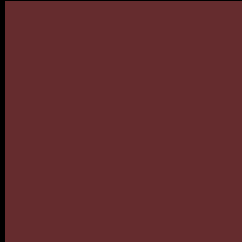
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.182, 23.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

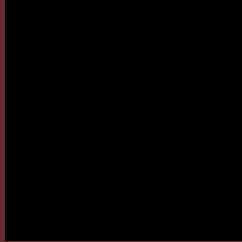
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 28.182, 23.248

Background



This preview shows how black text looks on a background with the CIELCh color 26, 28.182, 23.248.



This preview shows how white text looks on a background with the CIELCh color 26, 28.182, 23.248.

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, 28.182, 23.248

Protanopia

26, 5.393, 93.865

Deuteranopia

26, 13.229, 75.582



Tritanopia
26, 28.032, 21.974

Trichromacy



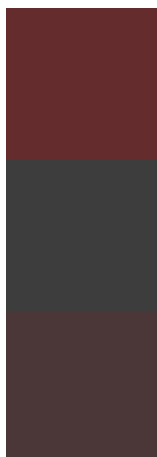
Original Color
26, 28.182, 23.248

Protanomaly
26, 11.638, 34.246

Deuteranomaly
26, 16.850, 44.274

Tritanomaly
26, 28.032, 21.974

Monochromacy



Original Color
26, 28.182, 23.248

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 9.525, 17.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 28.182, 23.248 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, 44, 46)` looks like.

```
.text, #text, p{  
    color:rgb(101, 44, 46)  
}
```

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, 44, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 44, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 28.182, 23.248 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, 44, 46) }
```

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

```
.border{ border-color:rgb(101, 44, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 44, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 44, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 44, 46);  
box-shadow:4px 4px 4px 4px rgb(101, 44,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 28.182, 23.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 44, 46) }
```

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

```
.background{ background-color: rgb(101, 44,  
46) }
```

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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