

Converting Colors

CIELCh(26, 30.797, 38.034)

Have a look what the booklet for
CIELCh(26, 30.797, 38.034) contains.

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Color

CIELCh(26, 30.797, 38.034)

Conversions

Conversions Part 1

Format	Color
Hex	652D22
RGB	101, 45, 34
RGB Percent	40%, 18%, 13%
CMY	0.6043, 0.8238, 0.8670
CMYK	0.00, 0.55, 0.66, 0.60
HSL	10°, 50%, 26%
HSV	10°, 66%, 40%
XYZ	6.5787, 4.7465, 2.0770
YIQ	60.4900, 36.9070, 8.4510

Conversions

Conversions Part 2

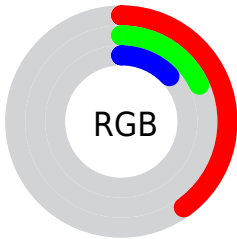
Format	Color
RYB	101, 47, 34
Decimal	6630690
CIELab	26.00, 24.26, 18.97
CIELCh	26, 30.797, 38.034
Yxy	4.7465, 0.4909, 0.3542
Android (android.graphics.Color)	4284820770 (0xFF652D22)
YUV	60.4900, -13.0596, 35.5273
Hunter-Lab	21.7865, 15.7742, 9.5981

Details

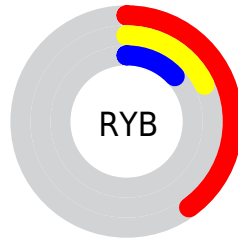
The CIELCh color **26, 30.797, 38.034** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35, 18.628, 219.166**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 30.566, 37.250**, and **6, 26.508, 21.419** is the 20% darker color. If you saturate the color by 10%, you get **24, 36.454, 39.242**, and if you desaturate by 10%, it is **28, 25.293, 37.071**.

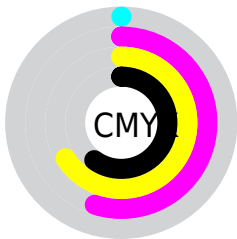
Distribution



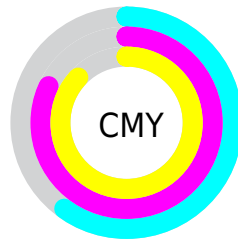
- Red (40%)
- Green (18%)
- Blue (13%)



- Red (40%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (55%)
- Yellow (66%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 30.797, 38.034 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, 30.797, 38.034 by changing the saturation by 10% instead.

■ 26, 30.797, 38.034

■ 26, 30.797, 38.034

■ 100, 30.797,
38.034

■ 16, 30.797, 38.034

■ 46, 30.797, 38.034

■ 6, 30.797, 38.034

■ 56, 30.797, 38.034

■ 0, 30.797, 38.034

■ 66, 30.797, 38.034

■ 76, 30.797, 38.034

■ 86, 30.797, 38.034

■ 96, 30.797, 38.034

■ 26, 30.797, 38.034

■ 26, 30.797, 38.034

■ 24, 36.454, 39.242

■ 28, 25.293, 37.071

■ 22, 41.944, 40.417

■ 31, 20.057, 36.355

■ 21, 46.207, 40.525

■ 33, 15.139, 35.860

■ 21, 47.614, 40.716

■ 36, 10.556, 35.547

■ 38, 6.302, 35.372

■ 41, 2.361, 35.245

■ 44, 1.292, 215.697

■ 47, 4.684, 215.628

■ 49, 7.842, 215.768

Harmonies

Complementary

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



26, 30.797, 38.034



35, 18.628, 219.166

Rectangle

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



26, 30.797, 38.034



26, 30.797, 88.034



26, 30.797, 218.034



26, 30.797, 268.034

Sweetspot

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



26, 30.796, 38.037



48, 9.636, 35.432



26, 42.202, 332.721



24, 6.678, 35.467



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, 30.796, 38.037



31, 47.648, 40.024



34, 29.361, 81.300



20, 2.117, 35.287



24, 53.465, 41.610



52, 97.286, 42.156

Inverse Universe

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



35, 18.628, 219.166



44, 24.831, 221.803



24, 29.107, 282.522



20, 2.008, 215.602



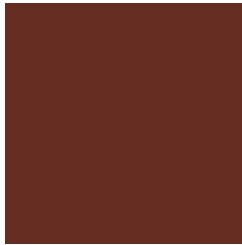
37, 24.154, 226.261



75, 41.884, 228.344

Previews

White Background



This preview shows how the CIELCh color 26, 30.797, 38.034 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 CIELCh color 26, 30.797, 38.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

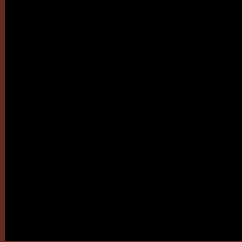
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 30.797, 38.034

Background



This preview shows how black text looks on a background with the CIELCh color 26, 30.797, 38.034.

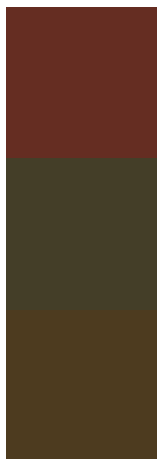


This preview shows how white text looks on a background with the CIELCh color 26, 30.797, 38.034.

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, 30.797, 38.034

Protanopia

26, 14.542, 95.192

Deuteranopia

26, 20.615, 78.919



Tritanopia
26, 29.062, 22.434

Trichromacy



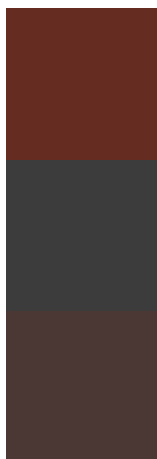
Original Color
26, 30.797, 38.034

Protanomaly
26, 17.452, 62.194

Deuteranomaly
26, 22.819, 59.113

Tritanomaly
26, 29.421, 28.235

Monochromacy



Original Color
26, 30.797, 38.034

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 10.171, 35.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 30.797, 38.034 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, 45, 34)` looks like.

```
.text, #text, p{  
    color:rgb(101, 45, 34)  
}
```

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, 45, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 45, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 30.797, 38.034 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, 45, 34) }
```

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

```
.border{ border-color:rgb(101, 45, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 45, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 45, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 45, 34);  
box-shadow:4px 4px 4px 4px rgb(101, 45,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 30.797, 38.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 45, 34) }
```

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

```
.background{ background-color: rgb(101, 45,  
34) }
```

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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