

Converting Colors

CIELCh(28, 26.122, 2.708)

Have a look what the booklet for
CIELCh(28, 26.122, 2.708) contains.

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Color

CIELCh(28, 26.166, 2.793)

Conversions

Conversions Part 1

Format	Color
Hex	673141
RGB	103, 49, 65
RGB Percent	40%, 19%, 25%
CMY	0.5962, 0.8079, 0.7452
CMYK	0.00, 0.52, 0.37, 0.60
HSL	342°, 36%, 30%
HSV	342°, 52%, 40%
XYZ	7.6405, 5.4574, 5.6476
YIQ	66.9700, 27.0480, 16.4240

Conversions

Conversions Part 2

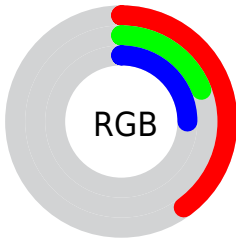
Format	Color
R_{YB}	103, 49, 65
Decimal	6762817
CIE _{Lab}	28.00, 26.13, 1.28
CIE _{LCh}	28, 26.166, 2.793
Yxy	5.4574, 0.4076, 0.2911
Android (android.graphics.Color)	4284952897 (0xFF673141)
YUV	66.9700, -0.9712, 31.5983
Hunter-Lab	23.3610, 17.4989, 2.0193

Details

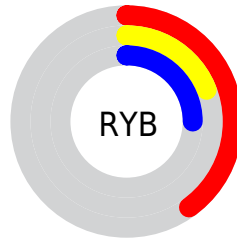
The CIELCh color **28, 26.166, 2.793** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40, 22.527, 170.921**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 26.185, 2.402**, and **8, 26.246, 2.137** is the 20% darker color. If you saturate the color by 10%, you get **26, 30.973, 4.934**, and if you desaturate by 10%, it is **31, 21.107, 1.050**.

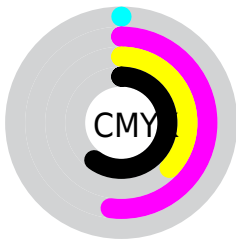
Distribution



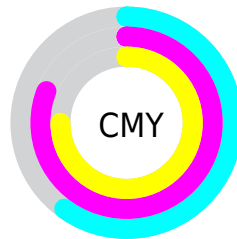
- Red (40%)
- Green (19%)
- Blue (25%)



- Red (40%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (52%)
- Yellow (37%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 26.166, 2.793 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 28, 26.166, 2.793 by changing the saturation by 10% instead.

 28, 26.166, 2.793  28, 26.166, 2.793

 100, 26.166, 2.793  18, 26.166, 2.793

 48, 26.166, 2.793  8, 26.166, 2.793

 58, 26.166, 2.793  0, 26.166, 2.793

 68, 26.166, 2.793

 78, 26.166, 2.793

 88, 26.166, 2.793

 98, 26.166, 2.793

 28, 26.166, 2.793  28, 26.166, 2.793

 26, 30.973, 4.934  31, 21.107, 1.050

24, 35.332, 7.594

34, 15.973,
359.600

22, 39.052, 10.919

37, 10.886,
358.370

21, 42.062, 14.997

20, 44.392, 18.016

40, 5.926, 357.296

43, 1.140, 356.168

46, 3.451, 175.700

49, 7.842, 174.924

53, 12.039,
174.254

56, 16.052,
173.650

Harmonies

Complementary

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



28, 26.166, 2.793



40, 22.527, 170.921

Rectangle

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



28, 26.166, 2.793



28, 26.166, 52.793



28, 26.166, 182.793



28, 26.166, 232.793

Sweetspot

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



28, 26.164, 2.795



49, 9.455, 357.711



27, 37.161, 317.787



24, 6.348, 357.858



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



28, 26.164, 2.795



33, 38.360, 5.494



30, 23.074, 39.813



19, 2.636, 356.938



23, 48.092, 18.790



51, 85.008, 22.515

Inverse Universe

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



28, 26.164, 2.795



33, 38.360, 5.494



37, 15.921, 222.805



19, 2.636, 356.938



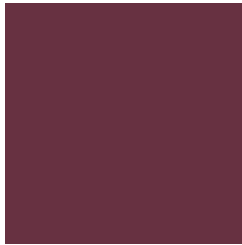
23, 48.092, 18.790



51, 85.008, 22.515

Previews

White Background



This preview shows how the CIELCh color 28, 26.166, 2.793 looks on a white background.

Color Contrast Check

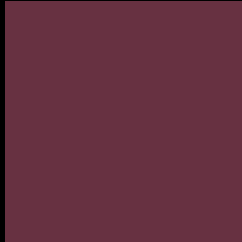
Large Text (above 18pt) WCAG AA ✓ Pass

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 28, 26.166, 2.793 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 28, 26.166, 2.793

Background



This preview shows how black text looks on a background with the CIELCh color 28, 26.166, 2.793.



This preview shows how white text looks on a background with the CIELCh color 28, 26.166, 2.793.

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

28, 26.166, 2.793

Protanopia

28, 5.833, 287.166

Deuteranopia

28, 5.260, 34.312



Tritanopia
28, 24.570, 18.749

Trichromacy



Original Color
28, 26.166, 2.793

Protanomaly
28, 11.025, 341.387

Deuteranomaly
28, 12.336, 9.813

Tritanomaly
28, 24.875, 11.774

Monochromacy



Original Color
28, 26.166, 2.793

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 9.888, 358.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 26.166, 2.793 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(103, 49, 65)` looks like.

```
.text, #text, p{  
    color:rgb(103, 49, 65)  
}
```

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(103, 49, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 49, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 26.166, 2.793 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(103, 49, 65) }
```

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

```
.border{ border-color:rgb(103, 49, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 49, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 49, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 49, 65);  
box-shadow:4px 4px 4px 4px rgb(103, 49,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 26.166, 2.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 49, 65) }
```

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

```
.background{ background-color: rgb(103, 49,  
65) }
```

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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