

Converting Colors

CIELCh(28, 18.047, 2.503)

Have a look what the booklet for
CIELCh(28, 18.047, 2.503) contains.

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Color

CIELCh(28, 18.047, 2.503)

Conversions

Conversions Part 1

Format	Color
Hex	5C3741
RGB	92, 55, 65
RGB Percent	36%, 22%, 25%
CMY	0.6374, 0.7827, 0.7435
CMYK	0.00, 0.40, 0.29, 0.64
HSL	344°, 25%, 29%
HSV	344°, 40%, 36%
XYZ	6.8115, 5.4574, 5.7589
YIQ	67.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

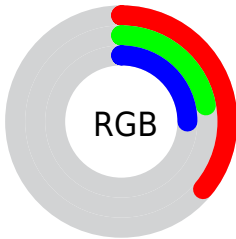
Format	Color
RYB	92, 55, 65
Decimal	6043457
CIELab	28.00, 18.03, 0.79
CIElCh	28, 18.047, 2.503
Yxy	5.4574, 0.3778, 0.3027
Android (android.graphics.Color)	4284233537 (0xFF5C3741)
YUV	67.2030, -1.0861, 21.7470
Hunter-Lab	23.3610, 11.1645, 1.7368

Details

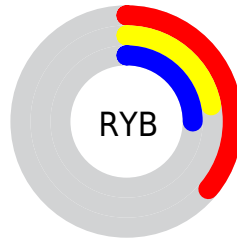
The CIELCh color **28, 18.047, 2.503** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36, 15.940, 174.342**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 18.232, 1.242**, and **8, 17.876, 1.369** is the 20% darker color. If you saturate the color by 10%, you get **25, 22.716, 4.167**, and if you desaturate by 10%, it is **31, 13.364, 1.120**.

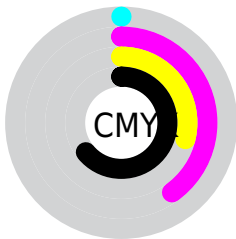
Distribution



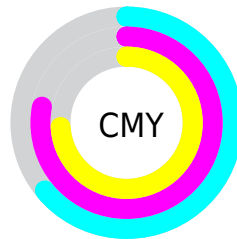
- Red (36%)
- Green (22%)
- Blue (25%)



- Red (36%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 18.047, 2.503 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, 18.047, 2.503 by changing the saturation by 10% instead.

 28, 18.047, 2.503  28, 18.047, 2.503

 100, 18.047, 2.503  18, 18.047, 2.503

 48, 18.047, 2.503  8, 18.047, 2.503

 58, 18.047, 2.503  0, 18.047, 2.503

 68, 18.047, 2.503

 78, 18.047, 2.503

 88, 18.047, 2.503

 98, 18.047, 2.503

 28, 18.047, 2.503  28, 18.047, 2.503

 25, 22.716, 4.167  31, 13.364, 1.120

23, 27.241, 6.195

33, 8.766, 359.940

21, 31.451, 8.706

36, 4.310, 358.899

20, 35.174, 11.833

39, 0.028, 348.009

18, 38.297, 15.693

42, 4.069, 177.373

17, 41.434, 19.469

45, 7.981, 176.641

48, 11.714,
176.001

51, 15.280,
175.422

54, 18.693,
174.895

Harmonies

Complementary

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



28, 18.047, 2.503



36, 15.940, 174.342

Rectangle

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



28, 18.047, 2.503



28, 18.047, 52.503



28, 18.047, 182.503



28, 18.047, 232.503

Sweetspot

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



28, 18.046, 2.506



46, 6.396, 359.132



28, 26.125, 317.844



23, 4.283, 359.208



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



28, 18.046, 2.506



34, 26.966, 4.063



30, 15.205, 40.969



17, 2.380, 358.775



22, 47.009, 20.784



50, 84.843, 24.764

Inverse Universe

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



28, 18.046, 2.506



34, 26.966, 4.063



34, 11.707, 223.764



17, 2.380, 358.775



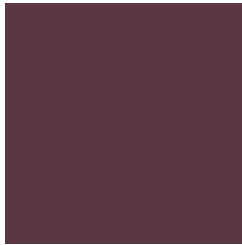
22, 47.009, 20.784



50, 84.843, 24.764

Previews

White Background



This preview shows how the CIE LCh color 28, 18.047, 2.503 looks on a white background.

Color Contrast Check

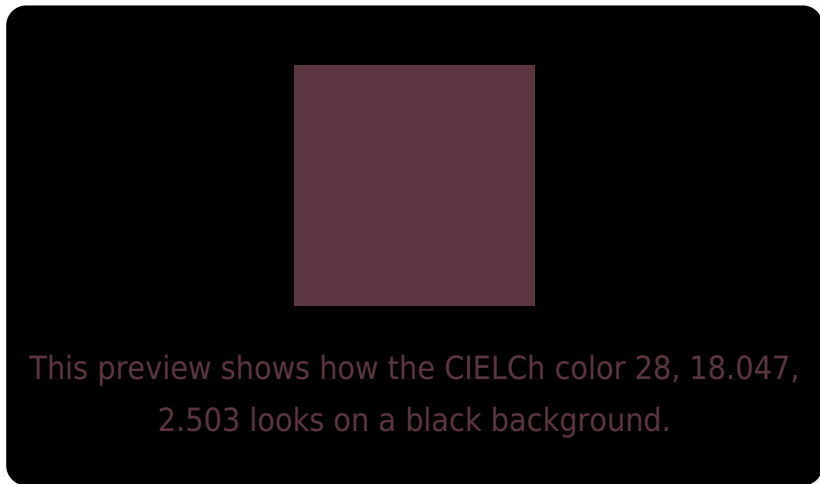
Large Text (above 18pt) WCAG AA ✓ Pass

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

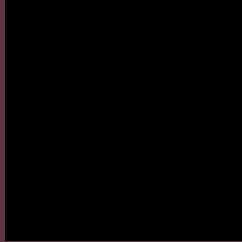
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 18.047, 2.503

Background



This preview shows how black text looks on a background with the CIELCh color 28, 18.047, 2.503.



This preview shows how white text looks on a background with the CIELCh color 28, 18.047, 2.503.

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, 18.047, 2.503

Protanopia

28, 3.885, 290.938

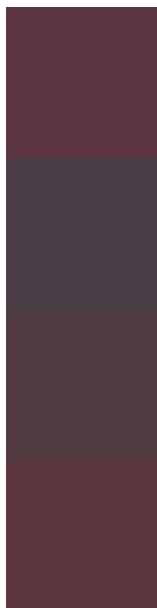
Deuteranopia

28, 4.576, 20.144



Tritanopia
28, 17.159, 14.321

Trichromacy



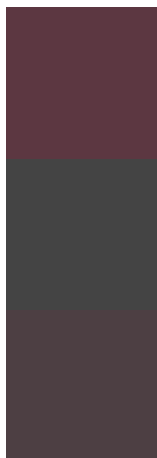
Original Color
28, 18.047, 2.503

Protanomaly
28, 8.107, 341.301

Deuteranomaly
28, 9.527, 5.566

Tritanomaly
28, 17.197, 10.079

Monochromacy



Original Color
28, 18.047, 2.503

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 6.844, 358.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 18.047, 2.503 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(92, 55, 65)` looks like.

```
.text, #text, p{  
    color:rgb(92, 55, 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(92, 55, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 55, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 18.047, 2.503 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(92, 55, 65) }
```

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

```
.border{ border-color:rgb(92, 55, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 55, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 55, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 55, 65);  
box-shadow:4px 4px 4px 4px rgb(92, 55, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 18.047, 2.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 55, 65) }
```

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

```
.background{ background-color: rgb(92, 55,  
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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