

Converting Colors

CIELCh(28, 17.588, 35.005)

Have a look what the booklet for
CIELCh(28, 17.588, 35.005) contains.

CIELCh(28, 17.920, 34.663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(28, 17.920, 34.663)

Conversions

Conversions Part 1

Format	Color
Hex	5C3933
RGB	92, 57, 51
RGB Percent	36%, 22%, 20%
CMY	0.6388, 0.7761, 0.7996
CMYK	0.00, 0.38, 0.45, 0.64
HSL	9°, 29%, 28%
HSV	9°, 45%, 36%
XYZ	6.4929, 5.4574, 3.8545
YIQ	66.7810, 22.7860, 5.5540

Conversions

Conversions Part 2

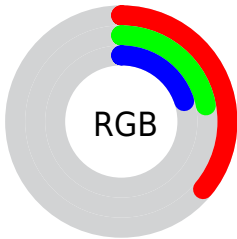
Format	Color
R_{YB}	92, 58, 51
Decimal	6043955
CIE _{Lab}	28.00, 14.74, 10.19
CIE _{LCh}	28, 17.920, 34.663
Yxy	5.4574, 0.4108, 0.3453
Android (android.graphics.Color)	4284234035 (0xFF5C3933)
YUV	66.7810, -7.7800, 22.1171
Hunter-Lab	23.3610, 8.7297, 6.5699

Details

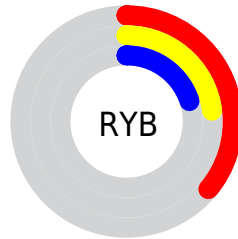
The CIELCh color **28, 17.920, 34.663** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 13.175, 214.529**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 18.205, 34.339**, and **8, 18.313, 33.901** is the 20% darker color. If you saturate the color by 10%, you get **26, 22.756, 35.442**, and if you desaturate by 10%, it is **30, 13.376, 34.118**.

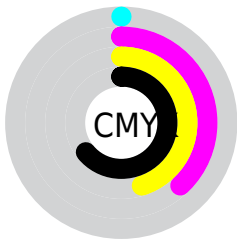
Distribution



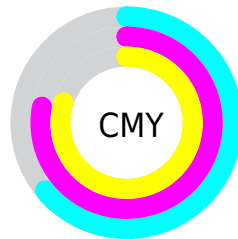
- Red (36%)
- Green (22%)
- Blue (20%)



- Red (36%)
- Yellow (23%)
- Blue (20%)



- Cyan (0%)
- Magenta (38%)
- Yellow (45%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 17.920, 34.663 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, 17.920, 34.663 by changing the saturation by 10% instead.

■ 28, 17.920, 34.663

■ 28, 17.920, 34.663

■ 100, 17.920,
34.663

■ 18, 17.920, 34.663

■ 48, 17.920, 34.663

■ 8, 17.920, 34.663

■ 58, 17.920, 34.663

■ 0, 17.920, 34.663

■ 68, 17.920, 34.663

■ 78, 17.920, 34.663

■ 88, 17.920, 34.663

■ 98, 17.920, 34.663

■ 28, 17.920, 34.663

■ 28, 17.920, 34.663

■ 26, 22.756, 35.442

■ 30, 13.376, 34.118

■ 24, 27.845, 36.476

■ 33, 9.141, 33.748

■ 22, 33.098, 37.778

■ 35, 5.208, 33.512

■ 20, 38.186, 38.989

■ 38, 1.562, 33.274

■ 19, 42.113, 38.977

■ 41, 1.821, 213.642

■ 18, 44.032, 39.227

■ 43, 4.965, 213.592

■ 46, 7.895, 213.679

■ 48, 10.635,
213.816

■ 51, 13.206,
213.984

Harmonies

Complementary

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



28, 17.920, 34.663



34, 13.175, 214.529

Rectangle

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



28, 17.920, 34.663



28, 17.920, 84.663



28, 17.920, 214.663



28, 17.920, 264.663

Sweetspot

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



28, 17.919, 34.668



46, 5.765, 33.490



28, 27.994, 330.797



23, 4.091, 33.521



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, 17.919, 34.668



34, 27.488, 35.455



34, 17.881, 82.913



17, 1.960, 33.403



23, 51.647, 40.707



51, 96.262, 41.783

Inverse Universe

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



34, 13.175, 214.529



43, 18.556, 215.221



28, 17.422, 275.485



18, 1.860, 213.587



36, 23.464, 222.441



75, 41.267, 224.388

Previews

White Background



This preview shows how the CIELCh color 28, 17.920, 34.663 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, 17.920, 34.663 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, 17.920, 34.663

Background



This preview shows how black text looks on a background with the CIELCh color 28, 17.920, 34.663.

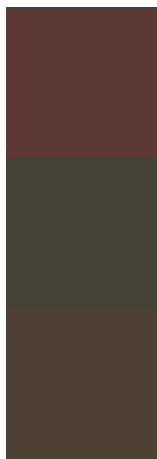


This preview shows how white text looks on a background with the CIELCh color 28, 17.920, 34.663.

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, 17.920, 34.663

Protanopia

28, 7.330, 93.779

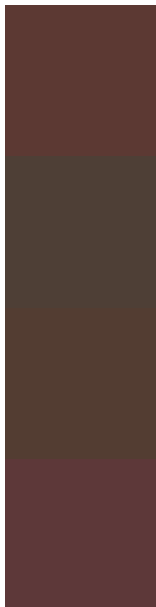
Deuteranopia

28, 11.434, 71.384



Tritanopia
28, 17.633, 14.658

Trichromacy



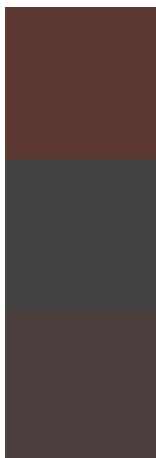
Original Color
28, 17.920, 34.663

Protanomaly
28, 9.364, 58.281

Deuteranomaly
28, 13.171, 53.064

Tritanomaly
28, 17.785, 20.812

Monochromacy



Original Color
28, 17.920, 34.663

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 6.205, 32.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 17.920, 34.663 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, 57, 51)` looks like.

```
.text, #text, p{  
    color:rgb(92, 57, 51)  
}
```

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, 57, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 57, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 17.920, 34.663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

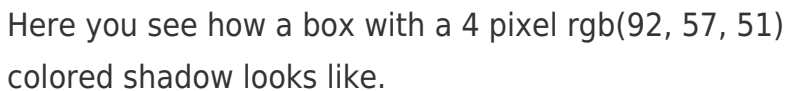
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 57, 51) }
```

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

```
.border{ border-color:rgb(92, 57, 51) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 57, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 57, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 57, 51);  
box-shadow:4px 4px 4px 4px rgb(92, 57, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 17.920, 34.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 57, 51) }
```

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

```
.background{ background-color: rgb(92, 57,  
51) }
```

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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