

Converting Colors

CIELCh(28, 19.737, 1.737)

Have a look what the booklet for
CIELCh(28, 19.737, 1.737) contains.

CIELCh(28, 20.068, 1.357)	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, 20.068, 1.357)

Conversions

Conversions Part 1

Format	Color
Hex	5F3642
RGB	95, 54, 66
RGB Percent	37%, 21%, 26%
CMY	0.6276, 0.7884, 0.7413
CMYK	0.00, 0.43, 0.31, 0.63
HSL	342°, 28%, 29%
HSV	342°, 43%, 37%
XYZ	7.0135, 5.4574, 5.8312
YIQ	67.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

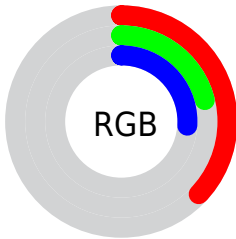
Format	Color
RYB	95, 54, 66
Decimal	6239810
CIELab	28.00, 20.06, 0.48
CIELCh	28, 20.068, 1.357
Yxy	5.4574, 0.3832, 0.2982
Android (android.graphics.Color)	4284429890 (0xFF5F3642)
YUV	67.6270, -0.8021, 24.0061
Hunter-Lab	23.3610, 12.7076, 1.5533

Details

The CIELCh color **28, 20.068, 1.357** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 17.731, 172.340**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 19.963, 1.633**, and **8, 20.369, 0.280** is the 20% darker color. If you saturate the color by 10%, you get **26, 24.795, 3.101**, and if you desaturate by 10%, it is **31, 15.266, 359.911**.

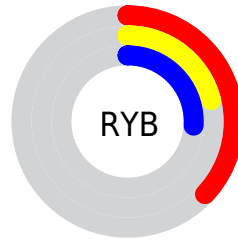
Distribution



 Red (37%)

 Green (21%)

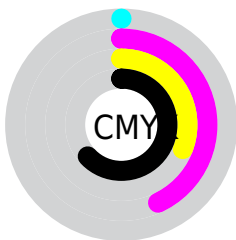
 Blue (26%)



 Red (37%)

 Yellow (21%)

 Blue (26%)

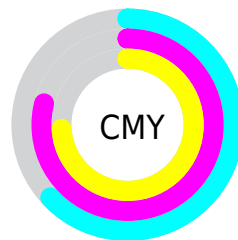


 Cyan (0%)


 Magenta (43%)

 Yellow (31%)

 Black (63%)



 Cyan (63%)


 Magenta (79%)



 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 20.068, 1.357 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, 20.068, 1.357 by changing the saturation by 10% instead.

 28, 20.068, 1.357  28, 20.068, 1.357

 100, 20.068, 1.357  18, 20.068, 1.357

 48, 20.068, 1.357  8, 20.068, 1.357

 58, 20.068, 1.357  0, 20.068, 1.357

 68, 20.068, 1.357

 78, 20.068, 1.357

 88, 20.068, 1.357

 98, 20.068, 1.357

 28, 20.068, 1.357  28, 20.068, 1.357

 26, 24.795, 3.101  31, 15.266,



Harmonies

Complementary

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



28, 20.068, 1.357



37, 17.731, 172.340

Rectangle

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



28, 20.068, 1.357



28, 20.068, 51.357



28, 20.068, 181.357



28, 20.068, 231.357

Sweetspot

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



28, 20.066, 1.359



47, 7.139, 357.632



28, 28.700, 317.443



23, 4.963, 357.791



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, 20.066, 1.359



34, 29.883, 3.173



30, 17.125, 39.440



18, 2.519, 357.180



22, 47.363, 18.956



51, 84.474, 22.802

Inverse Universe

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



28, 20.066, 1.359



34, 29.883, 3.173



35, 12.806, 221.747



18, 2.519, 357.180



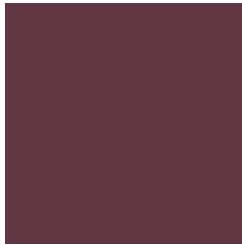
22, 47.363, 18.956



51, 84.474, 22.802

Previews

White Background



This preview shows how the CIE LCh color 28, 20.068, 1.357 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 28, 20.068, 1.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

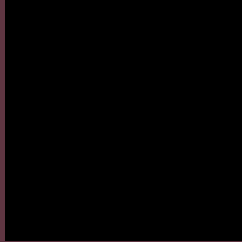
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 20.068, 1.357

Background



This preview shows how black text looks on a background with the CIELCh color 28, 20.068, 1.357.



This preview shows how white text looks on a background with the CIELCh color 28, 20.068, 1.357.

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, 20.068, 1.357

Protanopia

28, 4.532, 291.061

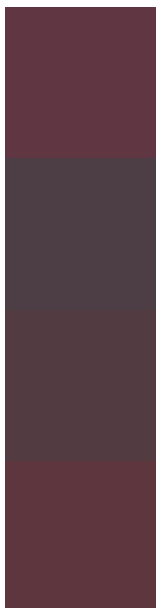
Deuteranopia

28, 4.576, 20.144



Tritanopia
28, 18.632, 15.355

Trichromacy



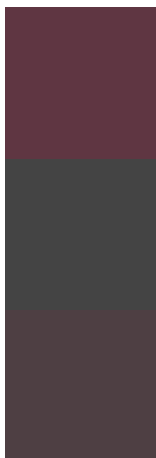
Original Color
28, 20.068, 1.357

Protanomaly
28, 8.456, 343.352

Deuteranomaly
28, 10.585, 3.785

Tritanomaly
28, 18.665, 9.494

Monochromacy



Original Color
28, 20.068, 1.357

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 7.272, 0.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 20.068, 1.357 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(95, 54, 66)` looks like.

```
.text, #text, p{  
    color:rgb(95, 54, 66)  
}
```

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(95, 54, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 54, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 20.068, 1.357 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(95, 54, 66) }
```

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

```
.border{ border-color:rgb(95, 54, 66) }
```

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

Here you see how a box with a 4 pixel rgb(95, 54, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 54, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 54, 66);  
box-shadow:4px 4px 4px 4px rgb(95, 54, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 20.068, 1.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 54, 66) }
```

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

```
.background{ background-color: rgb(95, 54,  
66) }
```

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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