

Converting Colors

CIELCh(28, 18.368, 339.590)

Have a look what the booklet for
CIELCh(28, 18.368, 339.590)
contains.

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Color

CIELCh(28, 18.097, 340.685)

Conversions

Conversions Part 1

Format	Color
Hex	58394C
RGB	88, 57, 76
RGB Percent	35%, 22%, 30%
CMY	0.6566, 0.7780, 0.7036
CMYK	0.00, 0.35, 0.14, 0.66
HSL	323°, 21%, 28%
HSV	323°, 35%, 34%
XYZ	6.7183, 5.4574, 7.4626
YIQ	68.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

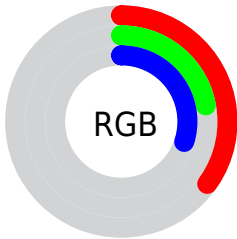
Format	Color
RYB	88, 57, 76
Decimal	5781836
CIELab	28.00, 17.08, -5.99
CIELCh	28, 18.097, 340.685
Yxy	5.4574, 0.3421, 0.2779
Android (android.graphics.Color)	4283971916 (0xFF58394C)
YUV	68.4350, 3.7295, 17.1585
Hunter-Lab	23.3610, 10.4525, -2.5873

Details

The CIELCh color $28, 18.097, 340.685$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $34, 17.725, 155.182$, and the grayscale version is $29, 0.005, 296.813$.

A 20% lighter version of the original color is $48, 17.987, 341.097$, and $8, 18.311, 341.344$ is the 20% darker color. If you saturate the color by 10%, you get $26, 23.088, 341.605$, and if you desaturate by 10%, it is $30, 12.966, 339.849$.

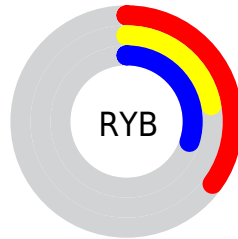
Distribution



 Red (35%)

 Green (22%)

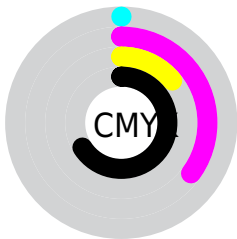
 Blue (30%)



 Red (35%)

 Yellow (22%)

 Blue (30%)

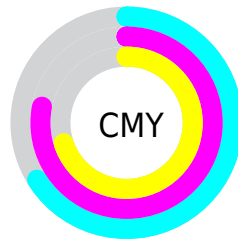


 Cyan (0%)

 Magenta (35%)

 Yellow (14%)

 Black (66%)



 Cyan (66%)


 Magenta (78%)


 Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 18.097, 340.685 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, 18.097, 340.685 by changing the saturation by 10% instead.

 28, 18.097,
340.685


 28, 18.097,
340.685

 100, 18.097,
340.685


 18, 18.097,
340.685


 48, 18.097,
340.685


 8, 18.097, 340.685

 58, 18.097,
340.685

 0, 18.097, 340.685

 68, 18.097,
340.685

 78, 18.097,
340.685

 88, 18.097,
340.685

 98, 18.097,

340.685

■ 28, 18.097,
340.685

■ 28, 18.097,
340.685

■ 26, 23.088,
341.605

■ 30, 12.966,
339.849

■ 23, 27.789,
342.631

■ 33, 7.811, 339.073

■ 22, 32.007,
343.799

■ 36, 2.704, 338.315

■ 38, 2.304, 157.816

■ 20, 35.520,
345.163

■ 41, 7.188, 157.139

■ 19, 38.122,
346.790

■ 44, 11.934,
156.548

■ 18, 39.988,
348.637

■ 47, 16.537,
156.000

■ 17, 40.917,
349.447

■ 50, 20.998,
155.486

■ 52, 25.324,
155.003

Harmonies

Complementary

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



28, 18.097, 340.685



34, 17.725, 155.182

Rectangle

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



28, 18.097, 340.685



28, 18.097, 30.685



28, 18.097, 160.685



28, 18.097, 210.685

Sweetspot

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



28, 18.096, 340.686



45, 6.967, 338.774



26, 20.883, 306.810



22, 4.721, 338.834



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



28, 18.096, 340.686



35, 26.756, 341.419



27, 14.745, 13.317



16, 2.806, 338.579



22, 46.867, 350.206



51, 82.315, 352.280

Inverse Universe

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



28, 18.096, 340.686



35, 26.756, 341.419



35, 12.403, 187.170



16, 2.806, 338.579



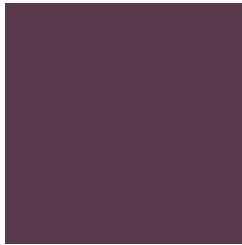
22, 46.867, 350.206



51, 82.315, 352.280

Previews

White Background



This preview shows how the CIE LCh color 28, 18.097, 340.685 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, 18.097, 340.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

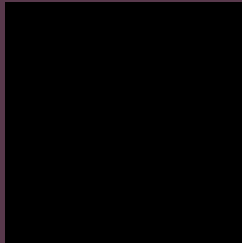
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 18.097, 340.685

Background



This preview shows how black text looks on a background with the CIELCh color 28, 18.097, 340.685.



This preview shows how white text looks on a background with the CIELCh color 28, 18.097, 340.685.

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, 18.097, 340.685

Protanopia

28, 10.390, 285.508

Deuteranopia

28, 6.102, 307.619



Tritanopia
28, 12.801, 10.359

Trichromacy



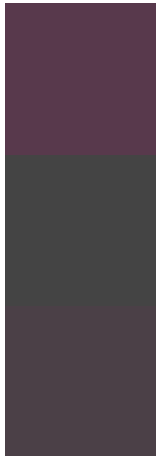
Original Color
28, 18.097, 340.685

Protanomaly
28, 11.695, 310.959

Deuteranomaly
28, 10.402, 327.353

Tritanomaly
28, 14.566, 356.248

Monochromacy



Original Color
28, 18.097, 340.685

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 6.660, 337.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 18.097, 340.685 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(88, 57, 76)` looks like.

```
.text, #text, p{  
    color:rgb(88, 57, 76)  
}
```

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(88, 57, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 57, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 18.097, 340.685 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(88, 57, 76) }
```

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

```
.border{ border-color:rgb(88, 57, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 57, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 57, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 57, 76);  
box-shadow:4px 4px 4px 4px rgb(88, 57, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 18.097, 340.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 57, 76) }
```

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

```
.background{ background-color: rgb(88, 57,  
76) }
```

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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