

Converting Colors

CIELCh(29, 19.681, 345.495)

Have a look what the booklet for
CIELCh(29, 19.681, 345.495)
contains.

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Color

CIELCh(29, 19.717, 345.533)

Conversions

Conversions Part 1

Format	Color
Hex	5D394C
RGB	93, 57, 76
RGB Percent	36%, 22%, 30%
CMY	0.6337, 0.7750, 0.7005
CMYK	0.00, 0.39, 0.18, 0.63
HSL	328°, 24%, 30%
HSV	328°, 39%, 37%
XYZ	7.3539, 5.8380, 7.6458
YIQ	69.9300, 15.3570, 13.5410

Conversions

Conversions Part 2

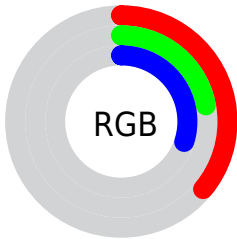
Format	Color
RYB	93, 57, 76
Decimal	6109516
CIELab	29.00, 19.09, -4.93
CIELCh	29, 19.717, 345.533
Yxy	5.8380, 0.3529, 0.2802
Android (android.graphics.Color)	4284299596 (0xFF5D394C)
YUV	69.9300, 2.9925, 20.2324
Hunter-Lab	24.1619, 12.0447, -1.8483




Details

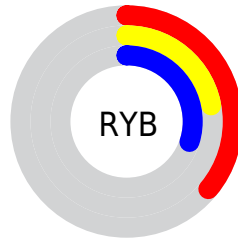
The CIELCh color **29, 19.717, 345.533** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 18.996, 158.811**, and the grayscale version is **30, 0.005, 296.813**.




A 20% lighter version of the original color is **49, 19.549, 345.323**, and **9, 19.508, 346.266** is the 20% darker color. If you saturate the color by 10%, you get **27, 24.683, 346.671**, and if you desaturate by 10%, it is **32, 14.586, 344.530**.

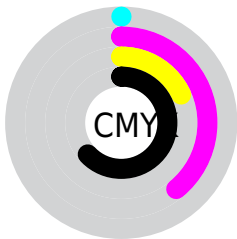
Distribution







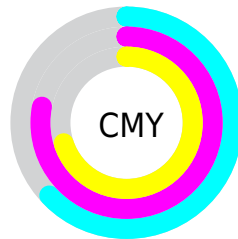
-  Red (36%)
-  Green (22%)
-  Blue (30%)






-  Red (36%)
-  Yellow (22%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (18%)
-  Black (63%)





-  Cyan (63%)
-  Magenta (78%)
-  Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 19.717, 345.533 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 29, 19.717, 345.533 by changing the saturation by 10% instead.


 29, 19.717,
345.533


 29, 19.717,
345.533

 100, 19.717,
345.533


 19, 19.717,
345.533


 49, 19.717,
345.533


 9, 19.717, 345.533

 59, 19.717,
345.533

 0, 19.717, 345.533

 69, 19.717,
345.533

 79, 19.717,
345.533

 89, 19.717,
345.533

 99, 19.717,

345.533

■ 29, 19.717,
345.533

■ 29, 19.717,
345.533

■ 27, 24.683,
346.671

■ 32, 14.586,
344.530

■ 24, 29.318,
347.986

■ 34, 9.422, 343.627

■ 22, 33.407,
349.542

■ 37, 4.308, 342.786

■ 40, 0.702, 162.422

■ 21, 36.721,
351.425

■ 43, 5.578, 161.453

■ 19, 39.067,
353.745

■ 46, 10.306,
160.800

■ 18, 40.955,
356.265

■ 49, 14.880,
160.204

■ 18, 41.251,
356.605

■ 52, 19.304,
159.650

■ 55, 23.584,
159.134

Harmonies

Complementary

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



29, 19.717, 345.533



37, 18.996, 158.811

Rectangle

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



29, 19.717, 345.533



29, 19.717, 35.533



29, 19.717, 165.533



29, 19.717, 215.533

Sweetspot

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



29, 19.715, 345.534



47, 7.561, 343.103



27, 24.370, 309.756



23, 4.972, 343.163



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



29, 19.715, 345.534



36, 29.233, 346.538



28, 17.225, 20.171



17, 2.775, 342.806



22, 46.042, 357.398



51, 80.526, 0.106

Inverse Universe

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



29, 19.715, 345.534



36, 29.233, 346.538



37, 13.633, 194.507



17, 2.775, 342.806



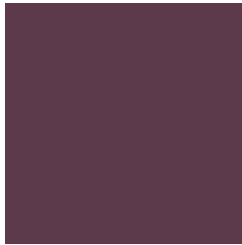
22, 46.042, 357.398



51, 80.526, 0.106

Previews

White Background



This preview shows how the CIE LCh color 29, 19.717, 345.533 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 29, 19.717, 345.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

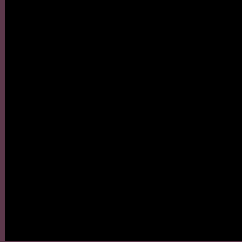
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 19.717, 345.533

Background



This preview shows how black text looks on a background with the CIELCh color 29, 19.717, 345.533.



This preview shows how white text looks on a background with the CIELCh color 29, 19.717, 345.533.

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
29, 19.717, 345.533

Protanopia
29, 9.704, 284.845

Deuteranopia
29, 5.794, 317.686



Tritanopia
29, 15.099, 12.629

Trichromacy



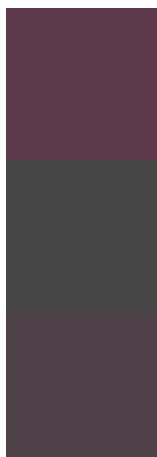
Original Color
29, 19.717, 345.533

Protanomaly
29, 11.958, 314.838

Deuteranomaly
29, 11.181, 333.041

Tritanomaly
29, 16.611, 0.257

Monochromacy



Original Color
29, 19.717, 345.533

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 7.677, 345.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 19.717, 345.533 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(93, 57, 76)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 57, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 57, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 19.717, 345.533 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(93, 57, 76) }
```

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

```
.border{ border-color:rgb(93, 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(93, 57, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 57, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 57, 76);  
box-shadow:4px 4px 4px 4px rgb(93, 57, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 19.717, 345.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 57, 76) }
```

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

```
.background{ background-color: rgb(93, 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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