

Converting Colors

CIELCh(28, 20.131, 345.508)

Have a look what the booklet for
CIELCh(28, 20.131, 345.508)
contains.

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Color

CIELCh(28, 19.788, 345.612)

Conversions

Conversions Part 1

Format	Color
Hex	5B374A
RGB	91, 55, 74
RGB Percent	36%, 22%, 29%
CMY	0.6430, 0.7842, 0.7096
CMYK	0.00, 0.40, 0.19, 0.64
HSL	328°, 25%, 29%
HSV	328°, 40%, 36%
XYZ	6.9241, 5.4574, 7.1741
YIQ	67.9300, 15.3570, 13.5410

Conversions

Conversions Part 2

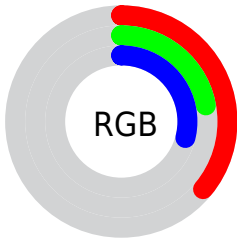
Format	Color
RYB	91, 55, 74
Decimal	5977930
CIELab	28.00, 19.17, -4.92
CIELCh	28, 19.788, 345.612
Yxy	5.4574, 0.3541, 0.2791
Android (android.graphics.Color)	4284168010 (0xFF5B374A)
YUV	67.9300, 2.9925, 20.2324
Hunter-Lab	23.3610, 12.0244, -1.8551

Details

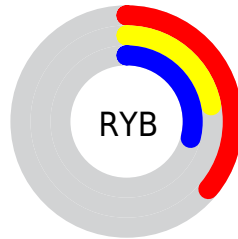
The CIELCh color **28, 19.788, 345.612** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36, 19.053, 158.711**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **48, 19.602, 345.358**, and **8, 19.531, 346.561** is the 20% darker color. If you saturate the color by 10%, you get **26, 24.631, 346.759**, and if you desaturate by 10%, it is **31, 14.772, 344.603**.

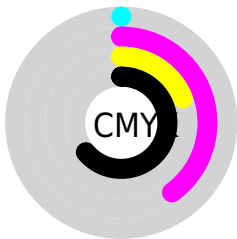
Distribution



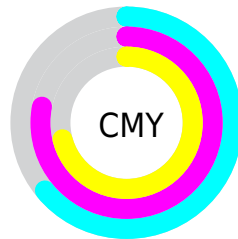
- Red (36%)
- Green (22%)
- Blue (29%)



- Red (36%)
- Yellow (22%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (64%)





- Cyan (64%)
- Magenta (78%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 19.788, 345.612 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, 19.788, 345.612 by changing the saturation by 10% instead.

 28, 19.788,
345.612


 28, 19.788,
345.612

 100, 19.788,
345.612

 18, 19.788,
345.612


 48, 19.788,
345.612

 8, 19.788, 345.612

 58, 19.788,
345.612

 0, 19.788, 345.612

 68, 19.788,
345.612

 78, 19.788,
345.612

 88, 19.788,
345.612

 98, 19.788,

345.612

■ 28, 19.788,
345.612

■ 28, 19.788,
345.612

■ 26, 24.631,
346.759

■ 31, 14.772,
344.603

■ 23, 29.135,
348.085

■ 33, 9.715, 343.695

■ 22, 33.090,
349.656

■ 36, 4.700, 342.855

■ 39, 0.218, 163.185

■ 20, 36.272,
351.559

■ 42, 5.007, 161.514

■ 19, 38.501,
353.903

■ 45, 9.651, 160.856

■ 47, 14.146,
160.256

■ 18, 40.451,
356.349

■ 18, 40.547,
356.455

■ 50, 18.494,
159.700

■ 53, 22.700,
159.182

Harmonies

Complementary

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



28, 19.788, 345.612



36, 19.053, 158.711

Rectangle

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



28, 19.788, 345.612



28, 19.788, 35.612



28, 19.788, 165.612



28, 19.788, 215.612

Sweetspot

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



28, 19.787, 345.613



45, 7.302, 343.089



26, 24.480, 309.801



22, 4.798, 343.144



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, 19.787, 345.613



34, 28.824, 346.625



27, 17.331, 20.288



17, 2.776, 342.796



22, 46.045, 357.382



51, 80.529, 0.089

Inverse Universe

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



28, 19.787, 345.613



34, 28.824, 346.625



36, 13.640, 194.464



17, 2.776, 342.796



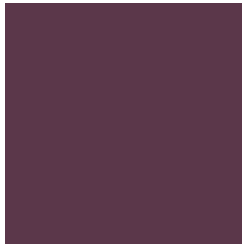
22, 46.045, 357.382



51, 80.529, 0.089

Previews

White Background



This preview shows how the CIE LCh color 28, 19.788, 345.612 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, 19.788, 345.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

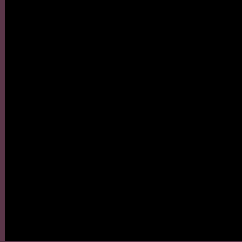
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 19.788, 345.612

Background



This preview shows how black text looks on a background with the CIELCh color 28, 19.788, 345.612.



This preview shows how white text looks on a background with the CIELCh color 28, 19.788, 345.612.

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, 19.788, 345.612

Protanopia
28, 9.751, 284.906

Deuteranopia
28, 5.052, 316.530



Tritanopia
28, 15.721, 10.851

Trichromacy



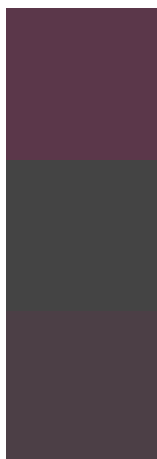
Original Color
28, 19.788, 345.612

Protanomaly
28, 11.428, 316.115

Deuteranomaly
28, 10.777, 335.409

Tritanomaly
28, 16.724, 0.405

Monochromacy



Original Color
28, 19.788, 345.612

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 7.355, 342.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 19.788, 345.612 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(91, 55, 74)` looks like.

```
.text, #text, p{  
    color:rgb(91, 55, 74)  
}
```

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(91, 55, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 55, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 19.788, 345.612 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(91, 55, 74) }
```

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

```
.border{ border-color:rgb(91, 55, 74) }
```

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

Here you see how a box with a 4 pixel rgb(91, 55, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 55, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 55, 74);  
box-shadow:4px 4px 4px 4px rgb(91, 55, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 19.788, 345.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 55, 74) }
```

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

```
.background{ background-color: rgb(91, 55,  
74) }
```

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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