

Converting Colors

CIELCh(29, 8.601, 346.686)

Have a look what the booklet for
CIELCh(29, 8.601, 346.686) contains.

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Color

CIELCh(29, 8.773, 345.212)

Conversions

Conversions Part 1

Format	Color
Hex	504048
RGB	80, 64, 72
RGB Percent	31%, 25%, 28%
CMY	0.6863, 0.7491, 0.7177
CMYK	0.00, 0.20, 0.10, 0.69
HSL	330°, 11%, 28%
HSV	330°, 20%, 31%
XYZ	6.3091, 5.8380, 6.9230
YIQ	69.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

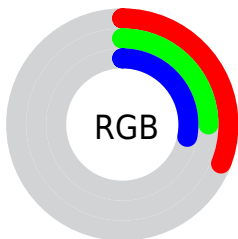
Format	Color
R_YB	80, 64, 72
Decimal	5259336
CIE Lab	29.00, 8.48, -2.24
CIE LCh	29, 8.773, 345.212
Yxy	5.8380, 0.3308, 0.3061
Android (android.graphics.Color)	4283449416 (0xFF504048)
YUV	69.6960, 1.1359, 9.0366
Hunter-Lab	24.1619, 4.3261, -0.0747

Details

The CIELCh color **29, 8.773, 345.212** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 8.574, 162.093**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 8.361, 346.337**, and **9, 9.213, 342.595** is the 20% darker color. If you saturate the color by 10%, you get **27, 13.245, 346.140**, and if you desaturate by 10%, it is **31, 4.343, 344.362**.

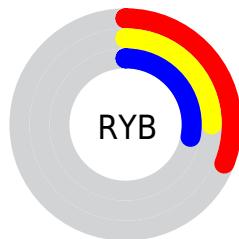
Distribution



Red (31%)

Green (25%)

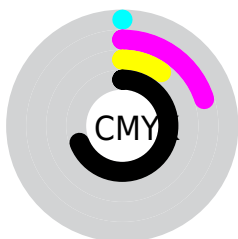
Blue (28%)



Red (31%)

Yellow (25%)

Blue (28%)

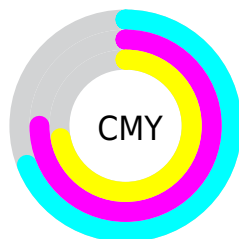


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (69%)



Cyan (69%)

Magenta (75%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 8.773, 345.212 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, 8.773, 345.212 by changing the saturation by 10% instead.

■ 29, 8.773, 345.212

■ 29, 8.773, 345.212

■ 100, 8.773,
345.212

■ 19, 8.773, 345.212

■ 49, 8.773, 345.212

■ 9, 8.773, 345.212

■ 59, 8.773, 345.212

■ 0, 8.773, 345.212

■ 69, 8.773, 345.212

■ 79, 8.773, 345.212

■ 89, 8.773, 345.212

■ 99, 8.773, 345.212

■ 29, 8.773, 345.212

■ 29, 8.773, 345.212

27, 13.245,
346.140

31, 4.343, 344.362

24, 17.691,
347.174

34, 0.005, 297.116

37, 4.219, 163.012

22, 22.002,
348.352

39, 8.313, 162.346

20, 26.036,
349.720

42, 12.274,
161.744

18, 29.615,
351.346

44, 16.105,
161.186

17, 32.550,
353.318

47, 19.809,
160.666

16, 34.718,
355.720

50, 23.396,
160.180

15, 36.894,
358.046

52, 26.871,
159.725

Harmonies

Complementary

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



29, 8.773, 345.212



32, 8.574, 162.093

Rectangle

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



29, 8.773, 345.212



29, 8.773, 35.212



29, 8.773, 165.212



29, 8.773, 215.212

Sweetspot

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



29, 8.772, 345.214



42, 3.238, 344.039



28, 10.928, 309.907



21, 2.166, 344.065



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



29, 8.772, 345.214



37, 13.184, 345.654



29, 7.399, 20.659



15, 2.464, 344.257



21, 44.229, 359.586



50, 78.828, 2.699

Inverse Universe

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



29, 8.772, 345.214



37, 13.184, 345.654



33, 6.574, 198.491



15, 2.464, 344.257



21, 44.229, 359.586



50, 78.828, 2.699

Previews

White Background



This preview shows how the CIELCh color 29, 8.773, 345.212 looks on a white background.

Color Contrast Check

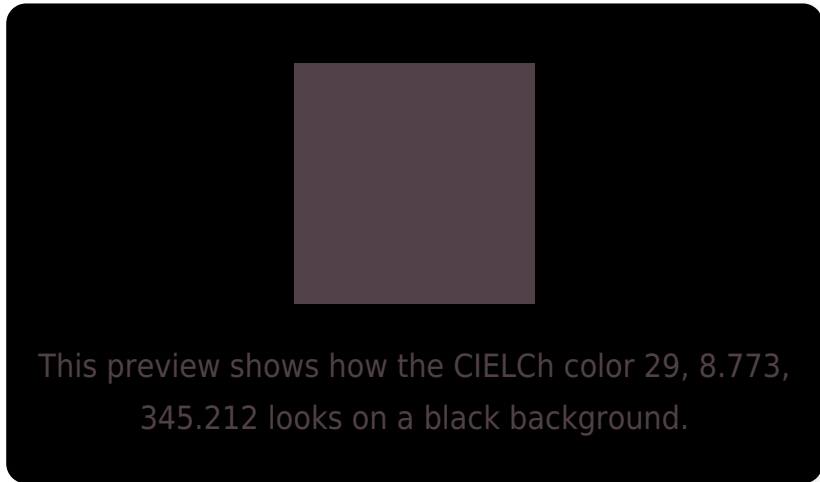
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

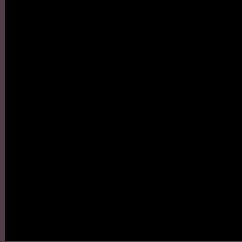
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 8.773, 345.212

Background



This preview shows how black text looks on a background with the CIELCh color 29, 8.773, 345.212.

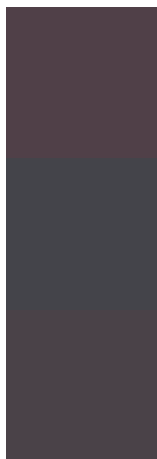


This preview shows how white text looks on a background with the CIELCh color 29, 8.773, 345.212.

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

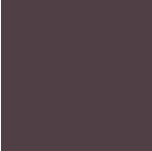
29, 8.773, 345.212

Protanopia

29, 3.866, 290.920

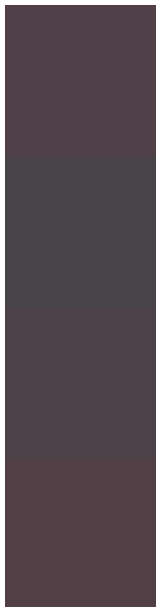
Deuteranopia

29, 5.249, 332.939



Tritanopia
29, 7.892, 356.896

Trichromacy



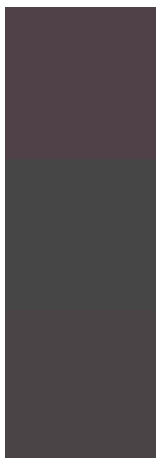
Original Color
29, 8.773, 345.212

Protanomaly
29, 4.460, 320.107

Deuteranomaly
29, 6.644, 337.911

Tritanomaly
29, 8.144, 352.718

Monochromacy



Original Color
29, 8.773, 345.212

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 3.294, 344.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 8.773, 345.212 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(80, 64, 72)` looks like.

```
.text, #text, p{  
    color:rgb(80, 64, 72)  
}
```

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(80, 64, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 64, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 8.773, 345.212 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(80, 64, 72) }
```

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

```
.border{ border-color:rgb(80, 64, 72) }
```

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

Here you see how a box with a 4 pixel rgb(80, 64, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 64, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 64, 72);  
box-shadow:4px 4px 4px 4px rgb(80, 64, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 8.773, 345.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 64, 72) }
```

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

```
.background{ background-color: rgb(80, 64,  
72) }
```

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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