

Converting Colors

CIELCh(33, 8.581, 344.999)

Have a look what the booklet for
CIELCh(33, 8.581, 344.999) contains.

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Color

CIELCh(33, 8.601, 345.059)

Conversions

Conversions Part 1

Format	Color
Hex	594951
RGB	89, 73, 81
RGB Percent	35%, 29%, 32%
CMY	0.6499, 0.7126, 0.6813
CMYK	0.00, 0.18, 0.09, 0.65
HSL	330°, 10%, 32%
HSV	330°, 18%, 35%
XYZ	8.0433, 7.5373, 8.8702
YIQ	78.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

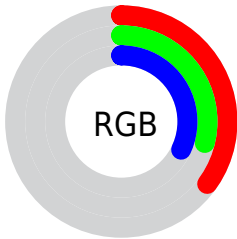
Format	Color
RYB	89, 73, 81
Decimal	5851473
CIELab	33.00, 8.31, -2.22
CIELCh	33, 8.601, 345.059
Yxy	7.5373, 0.3290, 0.3083
Android (android.graphics.Color)	4284041553 (0xFF594951)
YUV	78.6960, 1.1359, 9.0366
Hunter-Lab	27.4541, 4.2509, 0.0618

Details

The CIELCh color **33, 8.601, 345.059** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 8.422, 162.253**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 8.240, 346.257**, and **13, 8.932, 342.178** is the 20% darker color. If you saturate the color by 10%, you get **30, 13.496, 345.986**, and if you desaturate by 10%, it is **36, 3.764, 344.202**.

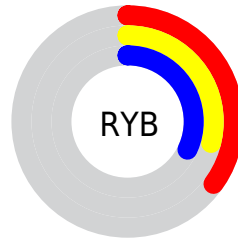
Distribution



 Red (35%)

 Green (29%)

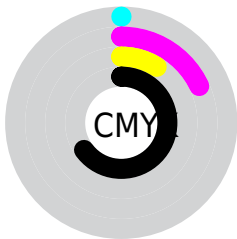
 Blue (32%)



 Red (35%)

 Yellow (29%)

 Blue (32%)

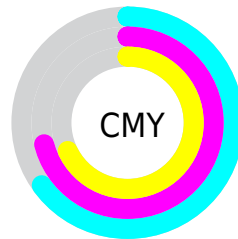


 Cyan (0%)

 Magenta (18%)

 Yellow (9%)

 Black (65%)



 Cyan (65%)

 Magenta (71%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 33, 8.601, 345.059 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 33, 8.601, 345.059 by changing the saturation by 10% instead.

■ 33, 8.601, 345.059

■ 33, 8.601, 345.059

■ 100, 8.601,
345.059

■ 23, 8.601, 345.059

■ 53, 8.601, 345.059

■ 13, 8.601, 345.059

■ 63, 8.601, 345.059

■ 3, 8.601, 345.059

■ 73, 8.601, 345.059

■ 0, 8.601, 345.059

■ 83, 8.601, 345.059

■ 93, 8.601, 345.059

■ 33, 8.601, 345.059

■ 33, 8.601, 345.059

■ 30, 13.496,
345.986

■ 36, 3.764, 344.202

■ 28, 18.377,
347.018

■ 39, 0.965, 163.743

■ 25, 23.128,
348.191

■ 41, 5.560, 162.857

■ 23, 27.594,
349.555

■ 44, 10.011,
162.199

■ 21, 31.578,
351.174

■ 47, 14.313,
161.599

■ 20, 34.865,
353.141

■ 50, 18.471,
161.043

■ 18, 37.269,
355.569

■ 53, 22.492,
160.526

■ 17, 39.252,
358.206

■ 56, 26.383,
160.042

■ 17, 39.705,
358.718

■ 59, 30.153,
159.589

Harmonies

Complementary

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



33, 8.601, 345.059



36, 8.422, 162.253

Rectangle

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



33, 8.601, 345.059



33, 8.601, 35.059



33, 8.601, 165.059



33, 8.601, 215.059

Sweetspot

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



33, 8.600, 345.062



48, 2.963, 343.954



32, 10.707, 309.826



24, 2.002, 343.995



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



33, 8.600, 345.062



42, 13.267, 345.495



33, 7.219, 20.514



17, 2.724, 344.282



22, 45.715, 359.837



51, 80.125, 2.765

Inverse Universe

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



33, 8.600, 345.062



42, 13.267, 345.495



37, 6.487, 198.575



17, 2.724, 344.282



22, 45.715, 359.837



51, 80.125, 2.765

Previews

White Background



This preview shows how the CIELCh color 33, 8.601, 345.059 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 33, 8.601, 345.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

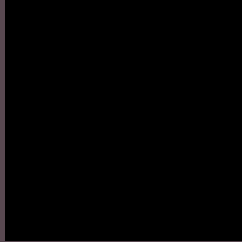
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 8.601, 345.059

Background



This preview shows how black text looks on a background with the CIELCh color 33, 8.601, 345.059.



This preview shows how white text looks on a background with the CIELCh color 33, 8.601, 345.059.

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


33, 8.601, 345.059

Protanopia

33, 4.417, 290.957

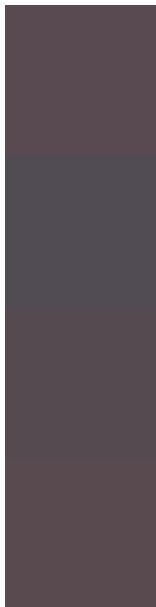
Deuteranopia

33, 5.446, 336.322



Tritanopia
33, 7.304, 355.178

Trichromacy



Original Color

33, 8.601, 345.059

Protanomaly

33, 4.927, 316.486

Deuteranomaly

33, 6.838, 340.387

Tritanomaly

33, 7.574, 350.844

Monochromacy



Original Color

33, 8.601, 345.059

Achromatopsia

34, 0.005, 296.813

Achromatomaly

33, 3.227, 344.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 8.601, 345.059 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(89, 73, 81)` looks like.

```
.text, #text, p{  
    color:rgb(89, 73, 81)  
}
```

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(89, 73, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 73, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 8.601, 345.059 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(89, 73, 81) }
```

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

```
.border{ border-color:rgb(89, 73, 81) }
```

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

Here you see how a box with a 4 pixel rgb(89, 73, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 73, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 73, 81);  
box-shadow:4px 4px 4px 4px rgb(89, 73, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 8.601, 345.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 73, 81) }
```

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

```
.background{ background-color: rgb(89, 73,  
81) }
```

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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