

Converting Colors

CIELCh(32, 8.642, 354.685)

Have a look what the booklet for
CIELCh(32, 8.642, 354.685) contains.

CIELCh(32, 8.409, 354.119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(32, 8.409, 354.119)

Conversions

Conversions Part 1

Format	Color
Hex	58474D
RGB	88, 71, 77
RGB Percent	35%, 28%, 30%
CMY	0.6556, 0.7222, 0.6987
CMYK	0.00, 0.19, 0.13, 0.66
HSL	339°, 11%, 31%
HSV	339°, 19%, 34%
XYZ	7.5845, 7.0852, 7.9580
YIQ	76.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

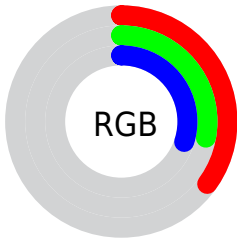
Format	Color
R_{YB}	88, 71, 77
Decimal	5785421
CIE Lab	32.00, 8.36, -0.86
CIE LCh	32, 8.409, 354.119
Yxy	7.0852, 0.3352, 0.3131
Android (android.graphics.Color)	4283975501 (0xFF58474D)
YUV	76.7670, 0.1149, 9.8513
Hunter-Lab	26.6180, 4.2801, 0.9066

Details

The CIELCh color **32, 8.409, 354.119** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36, 8.062, 170.756**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 8.688, 352.622**, and **12, 7.921, 354.897** is the 20% darker color. If you saturate the color by 10%, you get **29, 12.919, 355.223**, and if you desaturate by 10%, it is **35, 3.999, 353.135**.

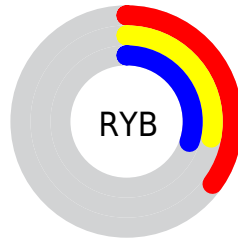
Distribution



 Red (35%)

 Green (28%)

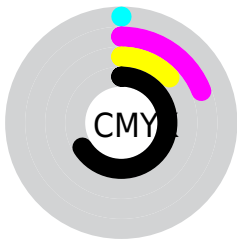
 Blue (30%)



 Red (35%)

 Yellow (28%)

 Blue (30%)

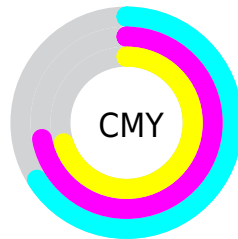


 Cyan (0%)

 Magenta (19%)

 Yellow (13%)

 Black (66%)



 Cyan (66%)

 Magenta (72%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 8.409, 354.119 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 32, 8.409, 354.119 by changing the saturation by 10% instead.

■ 32, 8.409, 354.119

■ 32, 8.409, 354.119

■ 100, 8.409,
354.119

■ 22, 8.409, 354.119

■ 52, 8.409, 354.119

■ 12, 8.409, 354.119

■ 62, 8.409, 354.119

■ 2, 8.409, 354.119

■ 72, 8.409, 354.119

■ 0, 8.409, 354.119

■ 82, 8.409, 354.119

■ 92, 8.409, 354.119

■ 32, 8.409, 354.119

■ 32, 8.409, 354.119

■ 29, 12.919,
355.223

■ 35, 3.999, 353.135

27, 17.468,
356.490

38, 0.272, 173.281

24, 21.958,
357.983

40, 4.387, 171.645

43, 8.341, 170.926

22, 26.249,
359.775

46, 12.137,
170.286

20, 30.169, 1.970

49, 15.783,
169.701

19, 33.533, 4.691

52, 19.288,
169.164

17, 36.202, 8.078

16, 38.809, 11.497

55, 22.663,
168.667

16, 38.995, 11.703

57, 25.919,
168.205

Harmonies

Complementary

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



32, 8.409, 354.119



36, 8.062, 170.756

Rectangle

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



32, 8.409, 354.119



32, 8.409, 44.119



32, 8.409, 174.119



32, 8.409, 224.119

Sweetspot

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



32, 8.408, 354.123



46, 3.184, 352.825



32, 11.735, 314.334



23, 2.130, 352.860



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



32, 8.408, 354.123



40, 12.538, 354.592



32, 6.858, 32.314



16, 2.367, 353.078



21, 44.932, 13.179



50, 80.850, 17.130

Inverse Universe

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



32, 8.408, 354.123



40, 12.538, 354.592



35, 6.085, 212.136



16, 2.367, 353.078



21, 44.932, 13.179



50, 80.850, 17.130

Previews

White Background



This preview shows how the CIELCh color 32, 8.409, 354.119 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 32, 8.409, 354.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

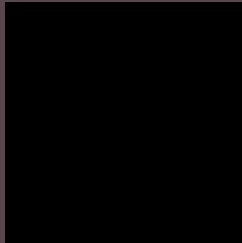
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 8.409, 354.119

Background



This preview shows how black text looks on a background with the CIELCh color 32, 8.409, 354.119.



This preview shows how white text looks on a background with the CIELCh color 32, 8.409, 354.119.

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

32, 8.409, 354.119

Protanopia

32, 2.579, 300.191

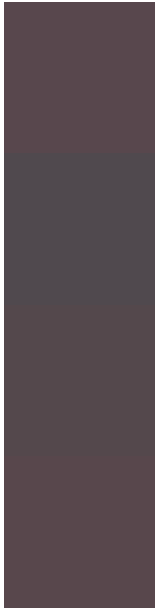
Deuteranopia

32, 4.400, 354.581



Tritanopia
32, 8.175, 358.131

Trichromacy



Original Color

32, 8.409, 354.119

Protanomaly

32, 4.413, 334.208

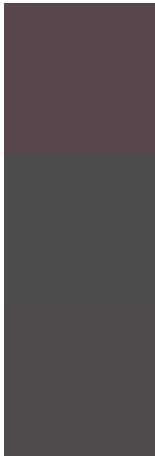
Deuteranomaly

32, 5.876, 354.908

Tritanomaly

32, 8.175, 358.131

Monochromacy



Original Color

32, 8.409, 354.119

Achromatopsia

33, 0.005, 296.813

Achromatomaly

33, 2.922, 354.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 8.409, 354.119 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, 71, 77)` looks like.

```
.text, #text, p{  
    color:rgb(88, 71, 77)  
}
```

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, 71, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 71, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 8.409, 354.119 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, 71, 77) }
```

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

```
.border{ border-color:rgb(88, 71, 77) }
```

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

Here you see how a box with a 4 pixel rgb(88, 71, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 71, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 71, 77);  
box-shadow:4px 4px 4px 4px rgb(88, 71, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 8.409, 354.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 71, 77) }
```

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

```
.background{ background-color: rgb(88, 71,  
77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor