

Converting Colors

CIELCh(34, 3.959, 314.909)

Have a look what the booklet for
CIELCh(34, 3.959, 314.909) contains.

CIELCh(34, 3.404, 312.685)	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(34, 3.404, 312.685)

Conversions

Conversions Part 1

Format	Color
Hex	524F54
RGB	82, 79, 84
RGB Percent	32%, 31%, 33%
CMY	0.6788, 0.6905, 0.6709
CMYK	0.02, 0.06, 0.00, 0.67
HSL	276°, 3%, 32%
HSV	276°, 6%, 33%
XYZ	7.8587, 8.0082, 9.5011
YIQ	80.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

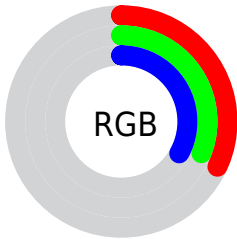
Format	Color
R_YB	82, 79, 84
Decimal	5394260
CIE Lab	34.00, 2.31, -2.50
CIE LCh	34, 3.404, 312.685
Yxy	8.0082, 0.3098, 0.3157
Android (android.graphics.Color)	4283584340 (0xFF524F54)
YUV	80.4670, 1.7418, 1.3444
Hunter-Lab	28.2988, 0.0475, -0.0971

Details

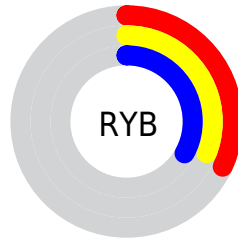
The CIELCh color **34, 3.404, 312.685** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 3.375, 132.279**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 3.134, 312.597**, and **14, 3.021, 309.413** is the 20% darker color. If you saturate the color by 10%, you get **31, 9.217, 313.092**, and if you desaturate by 10%, it is **37, 2.273, 132.370**.

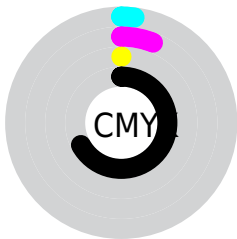
Distribution



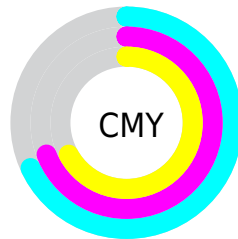
- Red (32%)
- Green (31%)
- Blue (33%)



- Red (32%)
- Yellow (31%)
- Blue (33%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (67%)



- Cyan (68%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 3.404, 312.685 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 34, 3.404, 312.685 by changing the saturation by 10% instead.

■ 34, 3.404, 312.685

■ 34, 3.404, 312.685

100, 3.404,
312.685

■ 24, 3.404, 312.685

■ 54, 3.404, 312.685

■ 14, 3.404, 312.685

■ 64, 3.404, 312.685

■ 4, 3.404, 312.685

■ 74, 3.404, 312.685

■ 0, 3.404, 312.685

■ 84, 3.404, 312.685

■ 94, 3.404, 312.685

■ 34, 3.404, 312.685

■ 34, 3.404, 312.685

■ 31, 9.217, 313.092

■ 37, 2.273, 132.370

■ 28, 15.147,
313.511

■ 40, 7.802, 132.004

■ 26, 21.153,
313.937

■ 43, 13.180,
131.689

■ 23, 27.169,
314.356

■ 45, 18.408,
131.406

■ 20, 33.089,
314.741

■ 48, 23.491,
131.152

■ 18, 38.753,
315.058

■ 51, 28.434,
130.925

■ 16, 43.939,
315.257

■ 54, 33.243,
130.724

■ 14, 48.365,
315.276

■ 57, 37.926,
130.546

■ 12, 52.301,
315.225

■ 59, 42.489,
130.390

Harmonies

Complementary

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



34, 3.404, 312.685



35, 3.375, 132.279

Rectangle

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



34, 3.404, 312.685



34, 3.404, 2.685



34, 3.404, 132.685



34, 3.404, 182.685

Sweetspot

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



34, 3.403, 312.681



46, 1.422, 312.490



34, 2.013, 264.655



23, 0.815, 312.475



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 3.403, 312.681



44, 4.995, 312.735



34, 3.600, 327.041



15, 2.499, 312.723



16, 63.154, 314.978



40, 113.878, 314.247

Inverse Universe

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



34, 2.510, 349.798



44, 3.686, 349.923



35, 3.590, 146.495



15, 1.844, 349.895



21, 43.868, 8.665



49, 79.100, 12.508

Previews

White Background



This preview shows how the CIE LCh color 34, 3.404, 312.685 looks on a white background.

Color Contrast Check

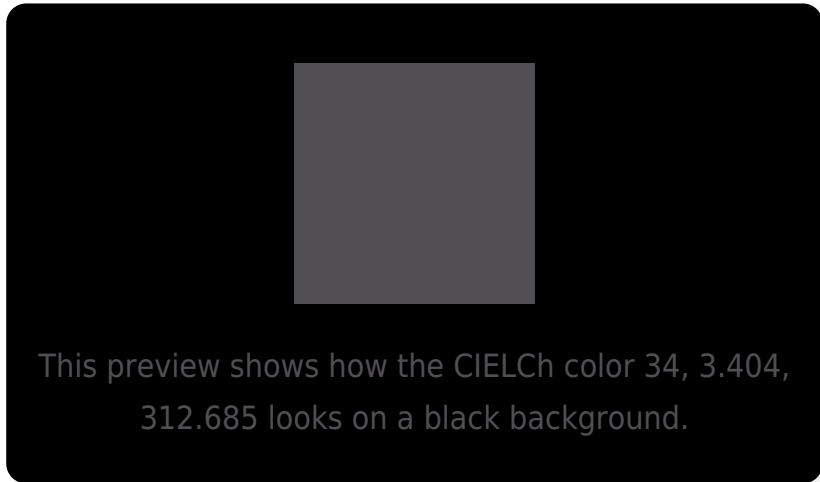
Large Text (above 18pt) WCAG AA ✓ Pass

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

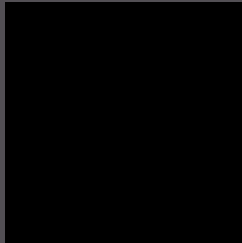
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 3.404, 312.685

Background



This preview shows how black text looks on a background with the CIELCh color 34, 3.404, 312.685.



This preview shows how white text looks on a background with the CIELCh color 34, 3.404, 312.685.

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

34, 3.404, 312.685

Protanopia

34, 3.177, 298.368

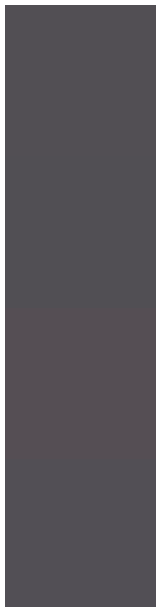
Deuteranopia

34, 5.112, 332.858



Tritanopia
34, 3.991, 309.337

Trichromacy



Original Color

34, 3.404, 312.685

Protanomaly

34, 3.265, 305.756

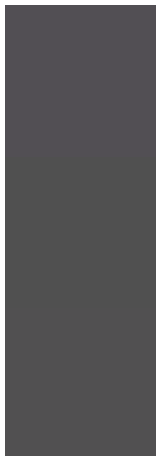
Deuteranomaly

34, 4.833, 329.025

Tritanomaly

34, 3.991, 309.337

Monochromacy



Original Color

34, 3.404, 312.685

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 0.768, 324.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 3.404, 312.685 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(82, 79, 84)` looks like.

```
.text, #text, p{  
    color:rgb(82, 79, 84)  
}
```

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(82, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 79, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 3.404, 312.685 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(82, 79, 84) }
```

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

```
.border{ border-color:rgb(82, 79, 84) }
```

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

Here you see how a box with a 4 pixel rgb(82, 79, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(82, 79, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 3.404, 312.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 79, 84) }
```

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

```
.background{ background-color: rgb(82, 79,  
84) }
```

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