

Converting Colors

CIELCh(34, 2.896, 199.744)

Have a look what the booklet for
CIELCh(34, 2.896, 199.744) contains.

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Color

CIELCh(34, 2.953, 199.073)

Conversions

Conversions Part 1

Format	Color
Hex	4A5151
RGB	74, 81, 81
RGB Percent	29%, 32%, 32%
CMY	0.7084, 0.6809, 0.6809
CMYK	0.09, 0.00, 0.00, 0.68
HSL	180°, 4%, 31%
HSV	180°, 9%, 32%
XYZ	7.3197, 8.0082, 9.0157
YIQ	78.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

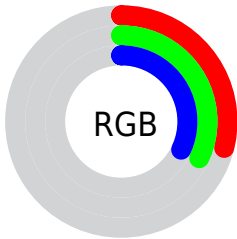
Format	Color
RYB	74, 78, 81
Decimal	4870481
CIELab	34.00, -2.79, -0.96
CIELCh	34, 2.953, 199.073
Yxy	8.0082, 0.3007, 0.3290
Android (android.graphics.Color)	4283060561 (0xFF4A5151)
YUV	78.9070, 1.0318, -4.3034
Hunter-Lab	28.2988, -3.3526, 0.9200

Details

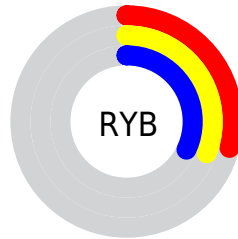
The CIELCh color **34, 2.953, 199.073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **32, 3.102, 19.784**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 2.735, 199.266**, and **14, 3.285, 198.676** is the 20% darker color. If you saturate the color by 10%, you get **33, 6.227, 198.535**, and if you desaturate by 10%, it is **35, 0.487, 18.865**.

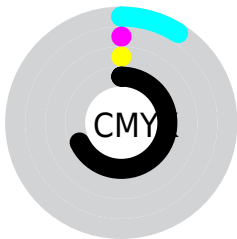
Distribution



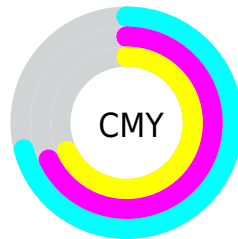
- Red (29%)
- Green (32%)
- Blue (32%)



- Red (29%)
- Yellow (31%)
- Blue (32%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (68%)



- Cyan (71%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 2.953, 199.073 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, 2.953, 199.073 by changing the saturation by 10% instead.

■ 34, 2.953, 199.073 ■ 34, 2.953, 199.073

■ 100, 2.953,
199.073 ■ 24, 2.953, 199.073

■ 54, 2.953, 199.073 ■ 14, 2.953, 199.073

■ 64, 2.953, 199.073 ■ 4, 2.953, 199.073

■ 74, 2.953, 199.073 ■ 0, 2.953, 199.073

■ 84, 2.953, 199.073

■ 94, 2.953, 199.073

■ 34, 2.953, 199.073 ■ 34, 2.953, 199.073

■ 33, 6.227, 198.535 ■ 35, 0.487, 18.865

■ 33, 9.290, 198.086

■ 35, 4.053, 19.913

■ 32, 12.093,
197.688

■ 36, 7.709, 20.491

■ 32, 14.593,
197.340

■ 37, 11.424, 21.061

■ 38, 15.173, 21.633

■ 32, 16.748,
197.045

■ 39, 18.934, 22.208

■ 31, 18.527,
196.804

■ 40, 22.692, 22.781

■ 41, 26.435, 23.350

■ 31, 19.912,
196.617

■ 42, 30.153, 23.912

■ 31, 20.905,
196.484

■ 31, 21.749,
196.372

Harmonies

Complementary

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



34, 2.953, 199.073



32, 3.102, 19.784

Rectangle

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



34, 2.953, 199.073



34, 2.953, 249.073



34, 2.953, 19.073



34, 2.953, 69.073

Sweetspot

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



34, 2.954, 199.056



44, 1.280, 199.499



34, 5.341, 143.580



22, 0.977, 199.424



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



34, 2.954, 199.056



43, 4.203, 198.957



33, 2.600, 254.656



16, 1.921, 199.049



40, 26.025, 196.355



84, 46.672, 196.353

Inverse Universe

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



32, 3.102, 19.784



41, 4.460, 19.910



33, 2.651, 72.584



15, 2.019, 19.793



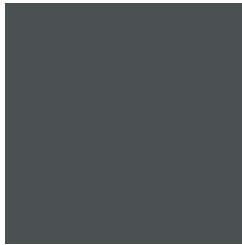
20, 51.591, 36.268



48, 97.366, 39.993

Previews

White Background



This preview shows how the CIELCh color 34, 2.953, 199.073 looks on a white background.

Color Contrast Check

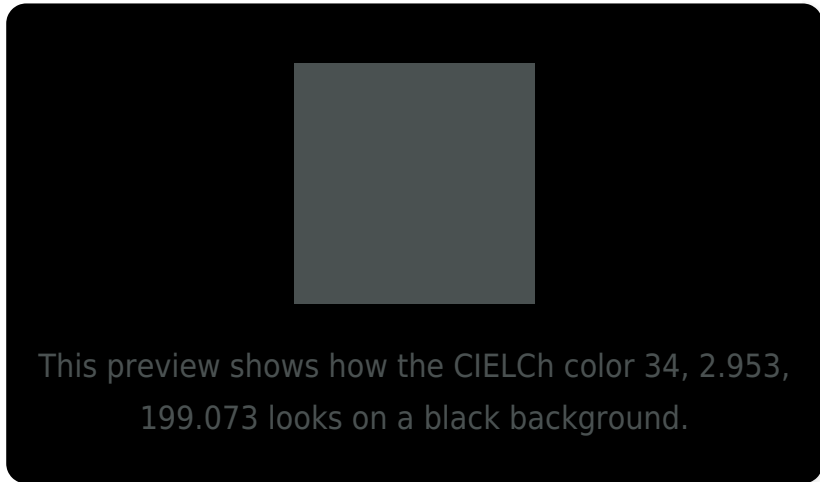
Large Text (above 18pt) WCAG AA ✓ Pass

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

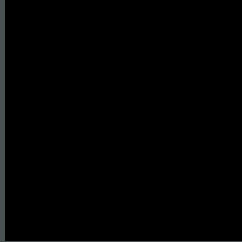
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

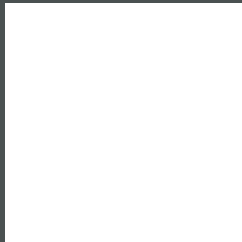
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 2.953, 199.073

Background



This preview shows how black text looks on a background with the CIELCh color 34, 2.953, 199.073.

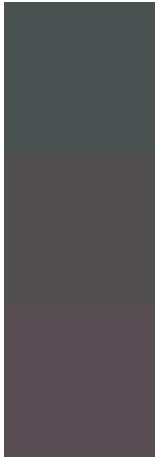


This preview shows how white text looks on a background with the CIELCh color 34, 2.953, 199.073.

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, 2.953, 199.073

Protanopia

34, 1.076, 343.636

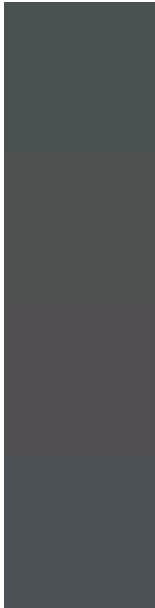
Deuteranopia

34, 5.361, 344.496



Tritanopia
34, 4.448, 257.156

Trichromacy



Original Color

34, 2.953, 199.073

Protanomaly

34, 0.429, 200.009

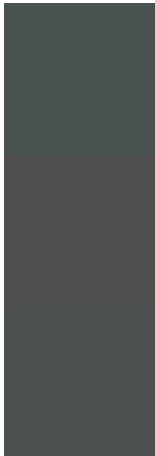
Deuteranomaly

34, 2.295, 324.565

Tritanomaly

34, 3.495, 245.176

Monochromacy



Original Color

34, 2.953, 199.073

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 1.281, 199.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 2.953, 199.073 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(74, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(74, 81, 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(74, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 81, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 2.953, 199.073 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(74, 81, 81) }
```

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

```
.border{ border-color:rgb(74, 81, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(74, 81, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 2.953, 199.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 81, 81) }
```

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

```
.background{ background-color: rgb(74, 81,  
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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