

Converting Colors

CIELCh(34, 3.207, 128.259)

Have a look what the booklet for
CIELCh(34, 3.207, 128.259) contains.

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Color

CIELCh(34, 3.398, 132.274)

Conversions

Conversions Part 1

Format	Color
Hex	4E514C
RGB	78, 81, 76
RGB Percent	31%, 32%, 30%
CMY	0.6945, 0.6827, 0.7023
CMYK	0.04, 0.00, 0.06, 0.68
HSL	96°, 3%, 31%
HSV	96°, 6%, 32%
XYZ	7.3720, 8.0082, 7.9787
YIQ	79.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

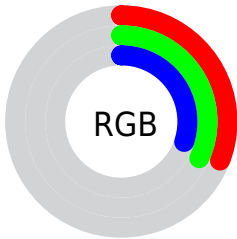
Format	Color
R_{YB}	76, 81, 79
Decimal	5132620
CIE Lab	34.00, -2.29, 2.51
CIE LCh	34, 3.398, 132.274
Yxy	8.0082, 0.3156, 0.3428
Android (android.graphics.Color)	4283322700 (0xFF4E514C)
YUV	79.5330, -1.7418, -1.3444
Hunter-Lab	28.2988, -3.0229, 3.0927

Details

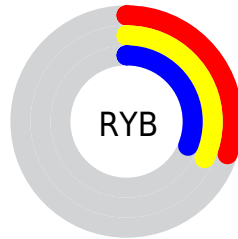
The CIELCh color $34, 3.398, 132.274$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $33, 3.427, 312.697$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 3.122, 132.367$, and $14, 3.857, 132.053$ is the 20% darker color. If you saturate the color by 10%, you get $33, 8.929, 131.862$, and if you desaturate by 10%, it is $35, 2.100, 312.588$.

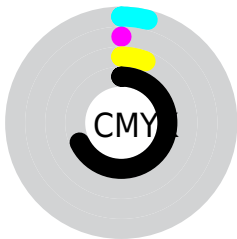
Distribution



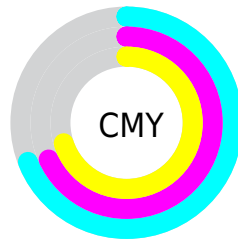
- Red (31%)
- Green (32%)
- Blue (30%)



- Red (30%)
- Yellow (32%)
- Blue (31%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (68%)



- Cyan (69%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 3.398, 132.274 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, 3.398, 132.274 by changing the saturation by 10% instead.

■ 34, 3.398, 132.274

■ 34, 3.398, 132.274

■ 100, 3.398,
132.274

■ 24, 3.398, 132.274

■ 54, 3.398, 132.274

■ 14, 3.398, 132.274

■ 64, 3.398, 132.274

■ 4, 3.398, 132.274

■ 74, 3.398, 132.274

■ 0, 3.398, 132.274

■ 84, 3.398, 132.274

■ 94, 3.398, 132.274

■ 34, 3.398, 132.274

■ 34, 3.398, 132.274

■ 33, 8.929, 131.862

■ 35, 2.100, 312.588

■ 33, 14.457,
131.427

■ 35, 7.545, 312.950

■ 32, 19.938,
130.976

■ 36, 12.918,
313.255

■ 32, 25.310,
130.526

■ 37, 18.207,
313.525

■ 31, 30.488,
130.106

■ 38, 23.403,
313.765

■ 31, 35.356,
129.765

■ 39, 28.502,
313.977

■ 31, 39.758,
129.572

■ 40, 33.501,
314.163

■ 30, 43.503,
129.621

■ 40, 38.398,
314.327

■ 30, 46.830,
129.701

■ 41, 43.194,
314.471

Harmonies

Complementary

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



34, 3.398, 132.274



33, 3.427, 312.697

Rectangle

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



34, 3.398, 132.274



34, 3.398, 182.274



34, 3.398, 312.274



34, 3.398, 2.274

Sweetspot

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



34, 3.399, 132.279



44, 1.354, 132.481



34, 2.064, 84.642



22, 0.775, 132.497



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, 3.399, 132.279



44, 4.761, 132.234



34, 3.574, 146.980



16, 2.477, 132.245



39, 57.879, 130.151



82, 104.991, 131.191

Inverse Universe

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



33, 3.427, 312.697



42, 4.803, 312.741



33, 3.584, 327.554



15, 2.499, 312.731



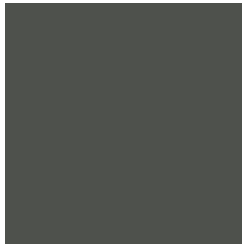
16, 63.151, 314.985



40, 113.873, 314.253

Previews

White Background



This preview shows how the CIELCh color 34, 3.398, 132.274 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 34, 3.398, 132.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

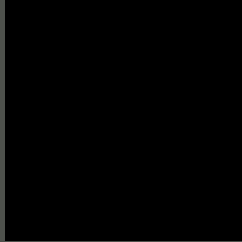
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

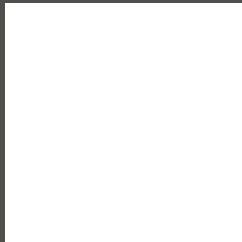
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 3.398, 132.274

Background



This preview shows how black text looks on a background with the CIELCh color 34, 3.398, 132.274.



This preview shows how white text looks on a background with the CIELCh color 34, 3.398, 132.274.

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, 3.398, 132.274

Protanopia

34, 3.238, 93.779

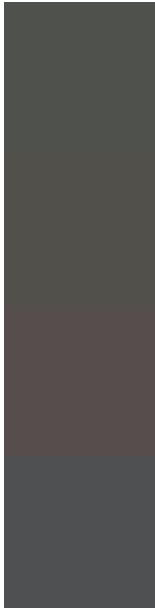
Deuteranopia

34, 5.328, 20.168



Tritanopia
34, 4.398, 290.941

Trichromacy



Original Color

34, 3.398, 132.274

Protanomaly

34, 3.149, 101.574

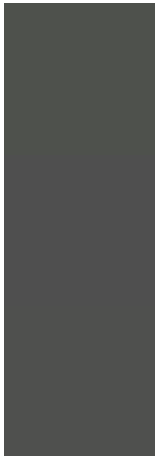
Deuteranomaly

34, 3.146, 31.212

Tritanomaly

34, 1.321, 271.635

Monochromacy



Original Color

34, 3.398, 132.274

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 1.326, 129.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 3.398, 132.274 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(78, 81, 76)` looks like.

```
.text, #text, p{  
    color:rgb(78, 81, 76)  
}
```

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(78, 81, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 81, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 3.398, 132.274 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(78, 81, 76) }
```

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

```
.border{ border-color:rgb(78, 81, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 81, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 81, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 81, 76);  
box-shadow:4px 4px 4px 4px rgb(78, 81, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 3.398, 132.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 81, 76) }
```

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

```
.background{ background-color: rgb(78, 81,  
76) }
```

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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