

Converting Colors

CIELCh(31, 7.360, 333.348)

Have a look what the booklet for
CIELCh(31, 7.360, 333.348) contains.

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Color

CIELCh(31, 7.006, 334.008)

Conversions

Conversions Part 1

Format	Color
Hex	51464E
RGB	81, 70, 78
RGB Percent	32%, 27%, 31%
CMY	0.6830, 0.7261, 0.6947
CMYK	0.00, 0.14, 0.04, 0.68
HSL	316°, 7%, 30%
HSV	316°, 14%, 32%
XYZ	6.9301, 6.6515, 8.0972
YIQ	74.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

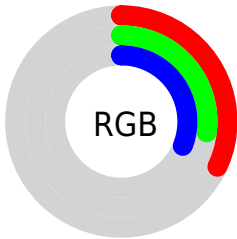
Format	Color
R_{YB}	81, 70, 78
Decimal	5326414
CIE Lab	31.00, 6.30, -3.07
CIE LCh	31, 7.006, 334.008
Yxy	6.6515, 0.3197, 0.3068
Android (android.graphics.Color)	4283516494 (0xFF51464E)
YUV	74.2010, 1.8729, 5.9627
Hunter-Lab	25.7905, 2.8311, -0.5613

Details

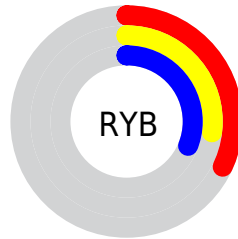
The CIELCh color **31, 7.006, 334.008** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33, 6.970, 152.366**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 7.131, 332.883**, and **11, 6.777, 332.542** is the 20% darker color. If you saturate the color by 10%, you get **29, 12.209, 334.663**, and if you desaturate by 10%, it is **33, 1.842, 333.329**.

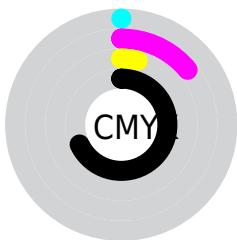
Distribution



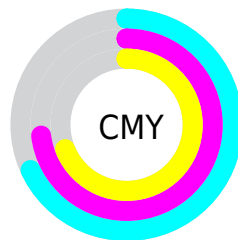
- Red (32%)
- Green (27%)
- Blue (31%)



- Red (32%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (68%)



- Cyan (68%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 7.006, 334.008 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 31, 7.006, 334.008 by changing the saturation by 10% instead.

■ 31, 7.006, 334.008 ■ 31, 7.006, 334.008

■ 100, 7.006, 334.008 ■ 21, 7.006, 334.008

■ 51, 7.006, 334.008 ■ 11, 7.006, 334.008

■ 61, 7.006, 334.008 ■ 1, 7.006, 334.008

■ 71, 7.006, 334.008 ■ 0, 7.006, 334.008

■ 81, 7.006, 334.008

■ 91, 7.006, 334.008

■ 31, 7.006, 334.008 ■ 31, 7.006, 334.008

■ 29, 12.209, 334.663 ■ 33, 1.842, 333.329

■ 26, 17.384,
335.345

■ 36, 3.232, 152.894

■ 24, 22.428,
336.063

■ 39, 8.191, 152.309

■ 22, 27.200,
336.828

■ 41, 13.019,
151.777

■ 20, 31.524,
337.652

■ 44, 17.712,
151.276

■ 19, 35.198,
338.557

■ 46, 22.269,
150.802

■ 17, 38.022,
339.572

■ 49, 26.694,
150.355

■ 16, 40.078,
340.690

■ 52, 30.994,
149.931

■ 16, 41.460,
341.364

■ 54, 35.174,
149.531

Harmonies

Complementary

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



31, 7.006, 334.008



33, 6.970, 152.366

Rectangle

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



31, 7.006, 334.008



31, 7.006, 24.008



31, 7.006, 154.008



31, 7.006, 204.008

Sweetspot

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



31, 7.005, 334.009



43, 2.533, 333.373



30, 7.167, 301.335



22, 1.815, 333.413



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



31, 7.005, 334.009



39, 10.210, 334.201



31, 5.170, 1.893



15, 2.892, 333.694



22, 49.262, 341.952



52, 87.270, 343.203

Inverse Universe

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



31, 7.005, 334.009



39, 10.210, 334.201



33, 4.947, 179.665



15, 2.892, 333.694



22, 49.262, 341.952



52, 87.270, 343.203

Previews

White Background



This preview shows how the CIELCh color 31, 7.006, 334.008 looks on a white background.

Color Contrast Check

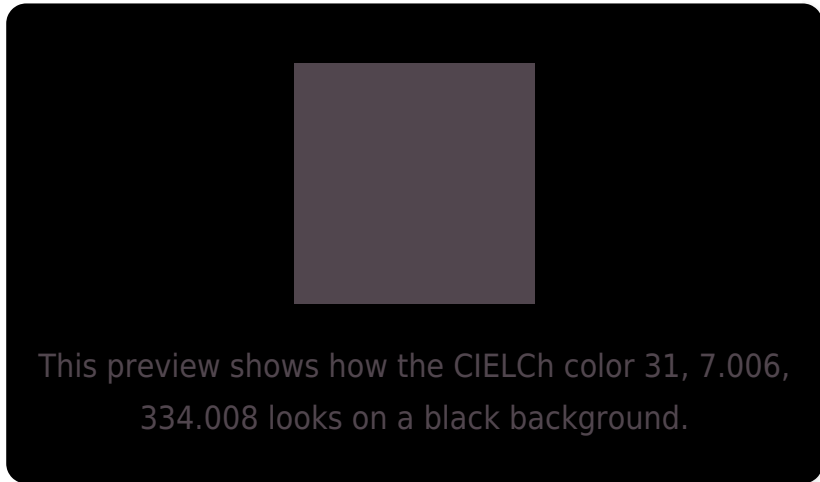
Large Text (above 18pt) WCAG AA ✓ Pass

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

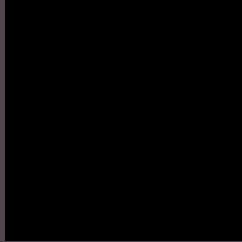
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 7.006, 334.008

Background



This preview shows how black text looks on a background with the CIELCh color 31, 7.006, 334.008.



This preview shows how white text looks on a background with the CIELCh color 31, 7.006, 334.008.

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

31, 7.006, 334.008

Protanopia

31, 4.470, 285.594

Deuteranopia

31, 5.415, 324.861



Tritanopia
31, 6.167, 342.247

Trichromacy



Original Color

31, 7.006, 334.008

Protanomaly

31, 4.660, 306.911

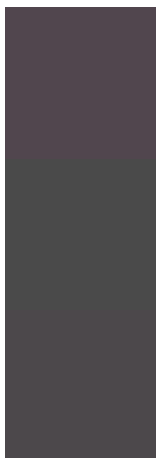
Deuteranomaly

31, 5.670, 328.554

Tritanomaly

31, 6.569, 337.857

Monochromacy



Original Color

31, 7.006, 334.008

Achromatopsia

31, 0.005, 296.813

Achromatomaly

31, 2.604, 332.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 7.006, 334.008 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(81, 70, 78)` looks like.

```
.text, #text, p{  
    color:rgb(81, 70, 78)  
}
```

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(81, 70, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 70, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 7.006, 334.008 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(81, 70, 78) }
```

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

```
.border{ border-color:rgb(81, 70, 78) }
```

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

Here you see how a box with a 4 pixel rgb(81, 70, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 70, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 70, 78);  
box-shadow:4px 4px 4px 4px rgb(81, 70, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 7.006, 334.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 70, 78) }
```

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

```
.background{ background-color: rgb(81, 70,  
78) }
```

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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