

Converting Colors

CIELCh(31, 7.157, 352.969)

Have a look what the booklet for
CIELCh(31, 7.157, 352.969) contains.

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Color

CIELCh(31, 7.388, 355.266)

Conversions

Conversions Part 1

Format	Color
Hex	54454A
RGB	84, 69, 74
RGB Percent	33%, 27%, 29%
CMY	0.6702, 0.7291, 0.7095
CMYK	0.00, 0.18, 0.12, 0.67
HSL	340°, 10%, 30%
HSV	340°, 18%, 33%
XYZ	7.0367, 6.6515, 7.4071
YIQ	74.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

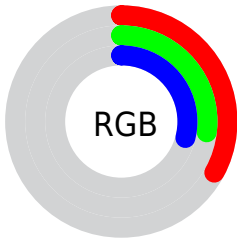
Format	Color
R_{YB}	84, 69, 74
Decimal	5522762
CIE Lab	31.00, 7.36, -0.61
CIE LCh	31, 7.388, 355.266
Yxy	6.6515, 0.3336, 0.3153
Android (android.graphics.Color)	4283712842 (0xFF54454A)
YUV	74.0550, -0.0271, 8.7218
Hunter-Lab	25.7905, 3.5688, 1.0252

Details

The CIELCh color $31, 7.388, 355.266$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $34, 7.087, 172.200$, and the grayscale version is $32, 0.005, 296.813$.

A 20% lighter version of the original color is $51, 7.735, 353.517$, and $11, 7.270, 358.212$ is the 20% darker color. If you saturate the color by 10%, you get $28, 11.693, 356.357$, and if you desaturate by 10%, it is $34, 3.193, 354.285$.

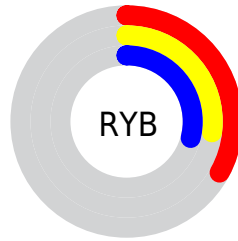
Distribution



Red (33%)

Green (27%)

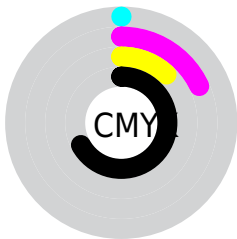
Blue (29%)



Red (33%)

Yellow (27%)

Blue (29%)

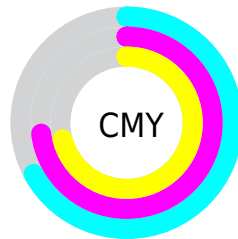


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (67%)



Cyan (67%)

Magenta (73%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 7.388, 355.266 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, 7.388, 355.266 by changing the saturation by 10% instead.

■ 31, 7.388, 355.266

■ 31, 7.388, 355.266

■ 100, 7.388,
355.266

■ 21, 7.388, 355.266

■ 51, 7.388, 355.266

■ 11, 7.388, 355.266

■ 61, 7.388, 355.266

■ 1, 7.388, 355.266

■ 71, 7.388, 355.266

■ 0, 7.388, 355.266

■ 81, 7.388, 355.266

■ 91, 7.388, 355.266

■ 31, 7.388, 355.266

■ 31, 7.388, 355.266

■ 28, 11.693,
356.357

■ 34, 3.193, 354.285

26, 16.059,
357.608

36, 0.859, 173.818

24, 20.399,
359.078

39, 4.756, 172.829

42, 8.496, 172.127

21, 24.591, 0.843

45, 12.083,
171.498

20, 28.478, 2.999

47, 15.526,
170.924

18, 31.888, 5.669

17, 34.677, 8.988

50, 18.834,
170.397

16, 37.326, 12.432

53, 22.018,
169.909

15, 37.957, 13.105

56, 25.089,
169.456

Harmonies

Complementary

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



31, 7.388, 355.266



34, 7.087, 172.200

Rectangle

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



31, 7.388, 355.266



31, 7.388, 45.266



31, 7.388, 175.266



31, 7.388, 225.266

Sweetspot

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



31, 7.387, 355.271



45, 2.524, 354.011



31, 10.504, 315.348



22, 1.737, 354.057



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



31, 7.387, 355.271



39, 10.889, 355.676



32, 5.918, 35.644



15, 2.223, 354.367



20, 44.365, 14.807



49, 80.795, 18.957

Inverse Universe

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



31, 7.387, 355.271



39, 10.889, 355.676



34, 5.314, 216.016



15, 2.223, 354.367



20, 44.365, 14.807



49, 80.795, 18.957

Previews

White Background



This preview shows how the CIELCh color 31, 7.388, 355.266 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 31, 7.388, 355.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

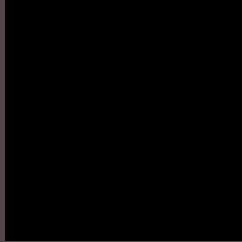
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 7.388, 355.266

Background



This preview shows how black text looks on a background with the CIELCh color 31, 7.388, 355.266.

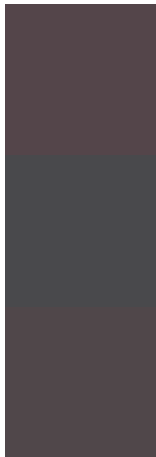


This preview shows how white text looks on a background with the CIELCh color 31, 7.388, 355.266.

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, 7.388, 355.266

Protanopia

31, 1.913, 290.542

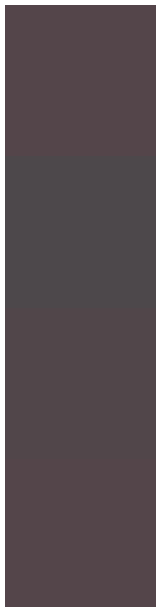
Deuteranopia

31, 4.421, 354.603



Tritanopia
31, 7.388, 355.266

Trichromacy



Original Color

31, 7.388, 355.266

Protanomaly

31, 2.918, 339.005

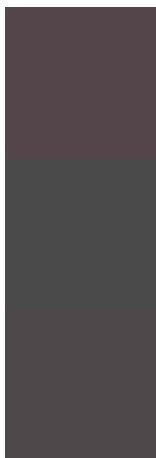
Deuteranomaly

31, 5.502, 352.828

Tritanomaly

31, 7.388, 355.266

Monochromacy



Original Color

31, 7.388, 355.266

Achromatopsia

31, 0.005, 296.813

Achromatomaly

31, 2.942, 354.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 7.388, 355.266 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(84, 69, 74)` looks like.

```
.text, #text, p{  
    color:rgb(84, 69, 74)  
}
```

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(84, 69, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 69, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 7.388, 355.266 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(84, 69, 74) }
```

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

```
.border{ border-color:rgb(84, 69, 74) }
```

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

Here you see how a box with a 4 pixel rgb(84, 69, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 69, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 69, 74);  
box-shadow:4px 4px 4px 4px rgb(84, 69, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 7.388, 355.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 69, 74) }
```

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

```
.background{ background-color: rgb(84, 69,  
74) }
```

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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