

Converting Colors

CIELCh(30, 9.628, 351.003)

Have a look what the booklet for
CIELCh(30, 9.628, 351.003) contains.

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Color

CIELCh(30, 9.173, 351.986)

Conversions

Conversions Part 1

Format	Color
Hex	544249
RGB	84, 66, 73
RGB Percent	33%, 26%, 29%
CMY	0.6712, 0.7417, 0.7143
CMYK	0.00, 0.21, 0.13, 0.67
HSL	337°, 12%, 29%
HSV	337°, 21%, 33%
XYZ	6.7795, 6.2359, 7.1236
YIQ	72.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

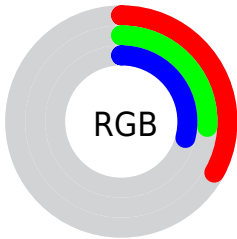
Format	Color
R_{YB}	84, 66, 73
Decimal	5521993
CIE Lab	30.00, 9.08, -1.28
CIE LCh	30, 9.173, 351.986
Yxy	6.2359, 0.3366, 0.3096
Android (android.graphics.Color)	4283712073 (0xFF544249)
YUV	72.1800, 0.4043, 10.3661
Hunter-Lab	24.9718, 4.7598, 0.5668

Details

The CIELCh color **30, 9.173, 351.986** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 8.810, 168.293**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 9.377, 350.727**, and **10, 9.576, 350.421** is the 20% darker color. If you saturate the color by 10%, you get **27, 13.586, 353.073**, and if you desaturate by 10%, it is **33, 4.832, 351.019**.

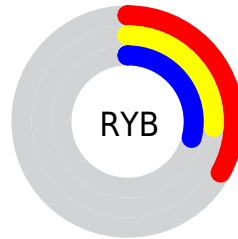
Distribution



Red (33%)

Green (26%)

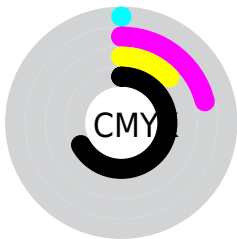
Blue (29%)



Red (33%)

Yellow (26%)

Blue (29%)

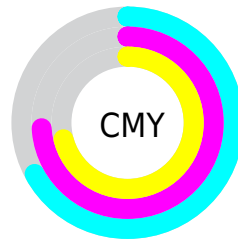


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (67%)



Cyan (67%)

Magenta (74%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 9.173, 351.986 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 30, 9.173, 351.986 by changing the saturation by 10% instead.

■ 30, 9.173, 351.986

■ 30, 9.173, 351.986

■ 100, 9.173,
351.986

■ 20, 9.173, 351.986

■ 50, 9.173, 351.986

■ 10, 9.173, 351.986

■ 60, 9.173, 351.986

■ 0, 9.173, 351.986

■ 70, 9.173, 351.986

■ 80, 9.173, 351.986

■ 90, 9.173, 351.986

■ 30, 9.173, 351.986

■ 30, 9.173, 351.986

■ 27, 13.586,
353.073

■ 33, 4.832, 351.019

25, 18.003,
354.318

35, 0.607, 349.830

23, 22.318,
355.777

38, 3.478, 169.529

41, 7.416, 168.799

21, 26.387,
357.523

43, 11.206,
168.153

19, 30.035,
359.653

46, 14.853,
167.563

17, 33.083, 2.289

49, 18.365,
167.019

16, 35.466, 5.501

52, 21.751,
166.514

15, 37.611, 8.101

54, 25.021,
166.045

Harmonies

Complementary

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



30, 9.173, 351.986



34, 8.810, 168.293

Rectangle

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



30, 9.173, 351.986



30, 9.173, 41.986



30, 9.173, 171.986



30, 9.173, 221.986

Sweetspot

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



30, 9.172, 351.989



44, 3.133, 350.521



30, 12.459, 313.324



22, 2.096, 350.554



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



30, 9.172, 351.989



38, 13.954, 352.563



30, 7.575, 29.220



15, 2.295, 350.759



21, 43.909, 9.702



49, 79.301, 13.609

Inverse Universe

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



30, 9.172, 351.989



38, 13.954, 352.563



34, 6.632, 208.400



15, 2.295, 350.759



21, 43.909, 9.702



49, 79.301, 13.609

Previews

White Background



This preview shows how the CIELCh color 30, 9.173, 351.986 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 30, 9.173, 351.986 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 30, 9.173, 351.986

Background



This preview shows how black text looks on a background with the CIELCh color 30, 9.173, 351.986.

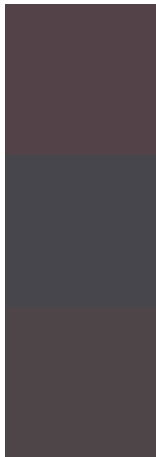


This preview shows how white text looks on a background with the CIELCh color 30, 9.173, 351.986.

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

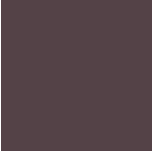
30, 9.173, 351.986

Protanopia

30, 3.877, 297.235

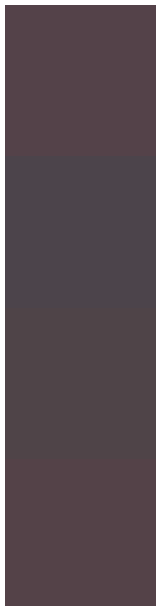
Deuteranopia

30, 4.042, 351.786



Tritanopia
30, 8.695, 359.501

Trichromacy



Original Color

30, 9.173, 351.986

Protanomaly

30, 5.708, 328.573

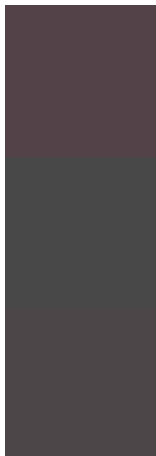
Deuteranomaly

30, 5.528, 352.856

Tritanomaly

30, 8.914, 355.639

Monochromacy



Original Color

30, 9.173, 351.986

Achromatopsia

31, 0.005, 296.813

Achromatomaly

30, 2.956, 354.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 9.173, 351.986 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, 66, 73)` looks like.

```
.text, #text, p{  
    color:rgb(84, 66, 73)  
}
```

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, 66, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 66, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 9.173, 351.986 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, 66, 73) }
```

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

```
.border{ border-color:rgb(84, 66, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 66, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 66, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 66, 73);  
box-shadow:4px 4px 4px 4px rgb(84, 66, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 9.173, 351.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 66, 73) }
```

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

```
.background{ background-color: rgb(84, 66,  
73) }
```

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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