

Converting Colors

CIELCh(30, 9.032, 348.847)

Have a look what the booklet for
CIELCh(30, 9.032, 348.847) contains.

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Color

CIELCh(30, 9.098, 346.928)

Conversions

Conversions Part 1

Format	Color
Hex	53424A
RGB	83, 66, 74
RGB Percent	33%, 26%, 29%
CMY	0.6744, 0.7410, 0.7097
CMYK	0.00, 0.20, 0.11, 0.67
HSL	332°, 11%, 29%
HSV	332°, 20%, 33%
XYZ	6.7578, 6.2359, 7.3322
YIQ	71.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

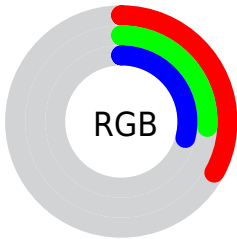
Format	Color
R_{YB}	83, 66, 74
Decimal	5456458
CIE Lab	30.00, 8.86, -2.06
CIE LCh	30, 9.098, 346.928
Yxy	6.2359, 0.3325, 0.3068
Android (android.graphics.Color)	4283646538 (0xFF53424A)
YUV	71.9950, 0.9885, 9.6514
Hunter-Lab	24.9718, 4.6049, 0.0716

Details

The CIELCh color **30, 9.098, 346.928** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 8.855, 163.625**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 9.324, 346.267**, and **10, 9.153, 348.472** is the 20% darker color. If you saturate the color by 10%, you get **28, 13.641, 347.904**, and if you desaturate by 10%, it is **33, 4.604, 346.042**.

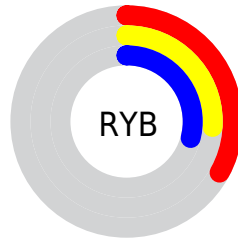
Distribution



Red (33%)

Green (26%)

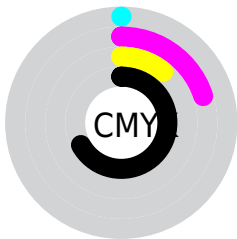
Blue (29%)



Red (33%)

Yellow (26%)

Blue (29%)

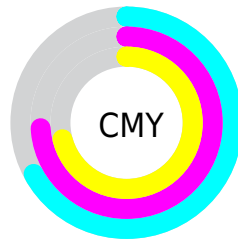


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (67%)



Cyan (67%)

Magenta (74%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 9.098, 346.928 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, 9.098, 346.928 by changing the saturation by 10% instead.

■ 30, 9.098, 346.928

■ 30, 9.098, 346.928

■ 100, 9.098,
346.928

■ 20, 9.098, 346.928

■ 50, 9.098, 346.928

■ 10, 9.098, 346.928

■ 60, 9.098, 346.928

■ 0, 9.098, 346.928

■ 70, 9.098, 346.928

■ 80, 9.098, 346.928

■ 90, 9.098, 346.928

■ 30, 9.098, 346.928

■ 30, 9.098, 346.928

■ 28, 13.641,
347.904

■ 33, 4.604, 346.042

25, 18.161,
349.000

35, 0.209, 344.246

23, 22.547,
350.260

38, 4.063, 164.645

41, 8.198, 163.959

21, 26.651,
351.739

43, 12.193,
163.341

19, 30.288,
353.512

46, 16.052,
162.771

18, 33.266,
355.681

49, 19.780,
162.242

16, 35.468,
358.338

51, 23.385,
161.748

15, 37.576, 0.802

54, 26.876,
161.287

Harmonies

Complementary

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



30, 9.098, 346.928



34, 8.855, 163.625

Rectangle

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



30, 9.098, 346.928



30, 9.098, 36.928



30, 9.098, 166.928



30, 9.098, 216.928

Sweetspot

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



30, 9.097, 346.931



43, 3.238, 345.665



29, 11.584, 310.499



21, 2.123, 345.691



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



30, 9.097, 346.931



37, 13.768, 347.440



30, 7.703, 22.010



15, 2.416, 345.888



21, 43.988, 2.217



50, 78.626, 5.568

Inverse Universe

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



30, 9.097, 346.931



37, 13.768, 347.440



34, 6.811, 199.986



15, 2.416, 345.888



21, 43.988, 2.217



50, 78.626, 5.568

Previews

White Background



This preview shows how the CIELCh color 30, 9.098, 346.928 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 CIELCh color 30, 9.098, 346.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

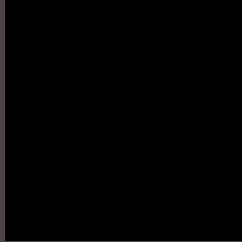
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 9.098, 346.928

Background



This preview shows how black text looks on a background with the CIELCh color 30, 9.098, 346.928.



This preview shows how white text looks on a background with the CIELCh color 30, 9.098, 346.928.

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

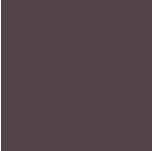
30, 9.098, 346.928

Protanopia

30, 4.488, 291.020

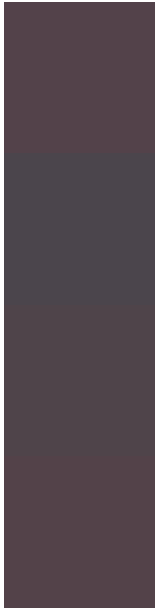
Deuteranopia

30, 4.452, 334.234



Tritanopia
30, 8.507, 354.222

Trichromacy



Original Color

30, 9.098, 346.928

Protanomaly

30, 5.208, 320.854

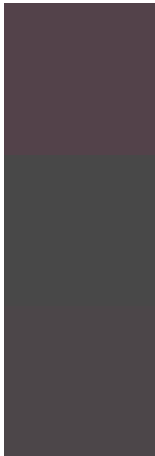
Deuteranomaly

30, 6.195, 342.271

Tritanomaly

30, 8.783, 350.448

Monochromacy



Original Color

30, 9.098, 346.928

Achromatopsia

31, 0.005, 296.813

Achromatomaly

30, 3.278, 344.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 9.098, 346.928 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(83, 66, 74)` looks like.

```
.text, #text, p{  
    color:rgb(83, 66, 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(83, 66, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 66, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 9.098, 346.928 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(83, 66, 74) }
```

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

```
.border{ border-color:rgb(83, 66, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 66, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 66, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 66, 74);  
box-shadow:4px 4px 4px 4px rgb(83, 66, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 9.098, 346.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 66, 74) }
```

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

```
.background{ background-color: rgb(83, 66,  
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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