

Converting Colors

CIELCh(34, 5.762, 330.841)

Have a look what the booklet for
CIELCh(34, 5.762, 330.841) contains.

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Color

CIELCh(34, 5.871, 331.896)

Conversions

Conversions Part 1

Format	Color
Hex	564D54
RGB	86, 77, 84
RGB Percent	34%, 30%, 33%
CMY	0.6611, 0.6965, 0.6690
CMYK	0.00, 0.10, 0.02, 0.66
HSL	313°, 5%, 32%
HSV	313°, 10%, 34%
XYZ	8.1736, 8.0082, 9.5860
YIQ	80.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

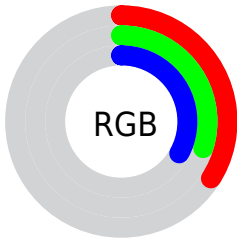
Format	Color
R_YB	86, 77, 84
Decimal	5655892
CIE Lab	34.00, 5.18, -2.77
CIE LCh	34, 5.871, 331.896
Yxy	8.0082, 0.3172, 0.3108
Android (android.graphics.Color)	4283845972 (0xFF564D54)
YUV	80.4890, 1.7309, 4.8331
Hunter-Lab	28.2988, 2.0334, -0.2749

Details

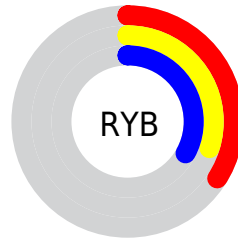
The CIELCh color **34, 5.871, 331.896** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 5.849, 150.718**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 5.679, 334.723**, and **14, 5.787, 333.342** is the 20% darker color. If you saturate the color by 10%, you get **31, 11.557, 332.516**, and if you desaturate by 10%, it is **37, 0.241, 330.632**.

Distribution



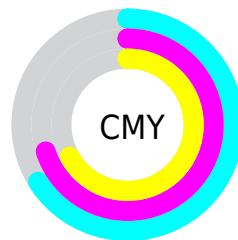
- Red (34%)
- Green (30%)
- Blue (33%)



- Red (34%)
- Yellow (30%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (66%)



- Cyan (66%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 5.871, 331.896 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, 5.871, 331.896 by changing the saturation by 10% instead.

■ 34, 5.871, 331.896

■ 34, 5.871, 331.896

■ 100, 5.871,
331.896

■ 24, 5.871, 331.896

■ 54, 5.871, 331.896

■ 14, 5.871, 331.896

■ 64, 5.871, 331.896

■ 4, 5.871, 331.896

■ 74, 5.871, 331.896

■ 0, 5.871, 331.896

■ 84, 5.871, 331.896

■ 94, 5.871, 331.896

■ 34, 5.871, 331.896

■ 34, 5.871, 331.896

■ 31, 11.557,
332.516

■ 37, 0.241, 330.632

29, 17.233,
333.148

39, 5.284, 150.824

27, 22.792,
333.803

42, 10.679,
150.278

24, 28.092,
334.484

45, 15.929,
149.768

23, 32.952,
335.196

47, 21.030,
149.285

21, 37.156,
335.951

50, 25.983,
148.828

19, 40.487,
336.766

53, 30.793,
148.396

18, 42.794,
337.665

56, 35.466,
147.987

17, 44.799,
338.512

58, 40.009,
147.601

Harmonies

Complementary

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



34, 5.871, 331.896



36, 5.849, 150.718

Rectangle

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



34, 5.871, 331.896



34, 5.871, 21.896



34, 5.871, 151.896



34, 5.871, 201.896

Sweetspot

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



34, 5.870, 331.897



46, 2.087, 331.401



33, 5.745, 299.294



23, 1.565, 331.453



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 5.870, 331.897



43, 9.097, 332.083



34, 4.252, 357.976



16, 3.157, 331.795



23, 51.824, 338.866



53, 91.177, 339.764

Inverse Universe

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



34, 5.870, 331.897



43, 9.097, 332.083



36, 4.130, 176.309



16, 3.157, 331.795



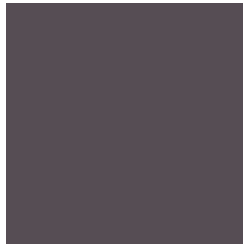
23, 51.824, 338.866



53, 91.177, 339.764

Previews

White Background



This preview shows how the CIE LCh color 34, 5.871, 331.896 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 34, 5.871, 331.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

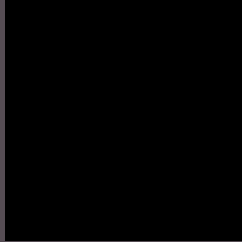
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 5.871, 331.896

Background



This preview shows how black text looks on a background with the CIELCh color 34, 5.871, 331.896.

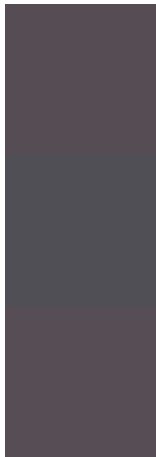


This preview shows how white text looks on a background with the CIELCh color 34, 5.871, 331.896.

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, 5.871, 331.896

Protanopia

34, 4.424, 296.364

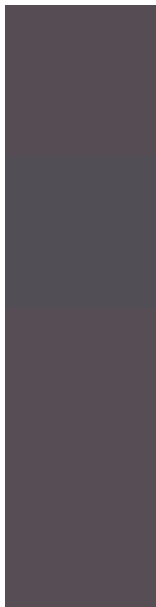
Deuteranopia

34, 5.112, 332.858



Tritanopia
34, 5.112, 332.858

Trichromacy



Original Color

34, 5.871, 331.896

Protanomaly

34, 4.736, 311.825

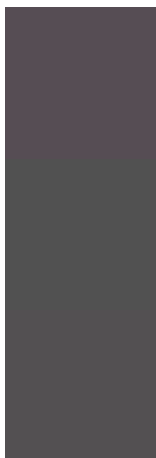
Deuteranomaly

34, 5.112, 332.858

Tritanomaly

34, 5.112, 332.858

Monochromacy



Original Color

34, 5.871, 331.896

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 1.810, 335.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 5.871, 331.896 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(86, 77, 84)` looks like.

```
.text, #text, p{  
    color:rgb(86, 77, 84)  
}
```

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(86, 77, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 77, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 5.871, 331.896 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(86, 77, 84) }
```

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

```
.border{ border-color:rgb(86, 77, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 77, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 77, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 77, 84);  
box-shadow:4px 4px 4px 4px rgb(86, 77, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 5.871, 331.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 77, 84) }
```

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

```
.background{ background-color: rgb(86, 77,  
84) }
```

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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