

Converting Colors

CIELCh(34, 5.646, 305.331)

Have a look what the booklet for
CIELCh(34, 5.646, 305.331) contains.

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Color

CIELCh(34, 5.194, 305.020)

Conversions

Conversions Part 1

Format	Color
Hex	524F57
RGB	82, 79, 87
RGB Percent	32%, 31%, 34%
CMY	0.6797, 0.6914, 0.6601
CMYK	0.06, 0.09, 0.00, 0.66
HSL	262°, 5%, 32%
HSV	262°, 9%, 34%
XYZ	7.9318, 8.0082, 10.0751
YIQ	80.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

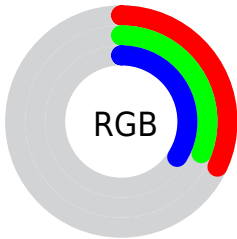
Format	Color
R_{YB}	82, 79, 87
Decimal	5394263
CIE _{Lab}	34.00, 2.98, -4.25
CIE _{LCh}	34, 5.194, 305.020
Yxy	8.0082, 0.3049, 0.3078
Android (android.graphics.Color)	4283584343 (0xFF524F57)
YUV	80.8090, 3.0522, 1.0445
Hunter-Lab	28.2988, 0.5082, -1.2995

Details

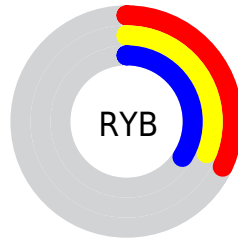
The CIELCh color **34, 5.194, 305.020** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 5.113, 124.163**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 5.339, 303.389**, and **14, 5.091, 302.094** is the 20% darker color. If you saturate the color by 10%, you get **31, 10.986, 305.552**, and if you desaturate by 10%, it is **37, 0.426, 124.645**.

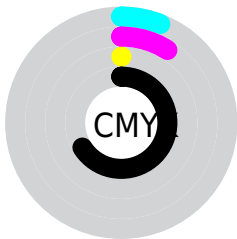
Distribution



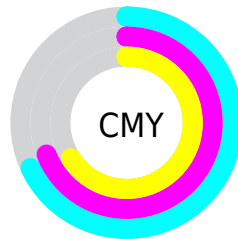
- Red (32%)
- Green (31%)
- Blue (34%)



- Red (32%)
- Yellow (31%)
- Blue (34%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (66%)



- Cyan (68%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 5.194, 305.020 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, 5.194, 305.020 by changing the saturation by 10% instead.

■ 34, 5.194, 305.020

■ 34, 5.194, 305.020

■ 100, 5.194,
305.020

■ 24, 5.194, 305.020

■ 54, 5.194, 305.020

■ 14, 5.194, 305.020

■ 64, 5.194, 305.020

■ 4, 5.194, 305.020

■ 74, 5.194, 305.020

■ 0, 5.194, 305.020

■ 84, 5.194, 305.020

■ 94, 5.194, 305.020

■ 34, 5.194, 305.020

■ 34, 5.194, 305.020

■ 31, 10.986,
305.552

■ 37, 0.426, 124.645

28, 16.948,
306.140

40, 5.871, 124.132

25, 23.057,
306.777

43, 11.148,
123.755

22, 29.272,
307.450

46, 16.264,
123.426

19, 35.504,
308.133

49, 21.227,
123.139

16, 41.602,
308.780

52, 26.044,
122.889

14, 47.311,
309.319

55, 30.725,
122.672

11, 52.268,
309.652

58, 35.277,
122.484

9, 57.366, 310.188

61, 39.707,
122.323

Harmonies

Complementary

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



34, 5.194, 305.020



36, 5.113, 124.163

Rectangle

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



34, 5.194, 305.020



34, 5.194, 355.020



34, 5.194, 125.020



34, 5.194, 175.020

Sweetspot

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



34, 5.193, 305.016



46, 2.075, 304.702



35, 2.761, 240.760



23, 1.556, 304.735



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, 5.193, 305.016



43, 7.688, 305.127



34, 5.832, 321.141



16, 3.150, 304.994



13, 67.234, 309.961



34, 120.471, 309.277

Inverse Universe

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



34, 4.665, 338.058



44, 6.898, 338.215



36, 5.809, 140.371



16, 2.831, 338.025



22, 47.151, 349.268



51, 82.795, 351.243

Previews

White Background



This preview shows how the CIELCh color 34, 5.194, 305.020 looks on a white background.

Color Contrast Check

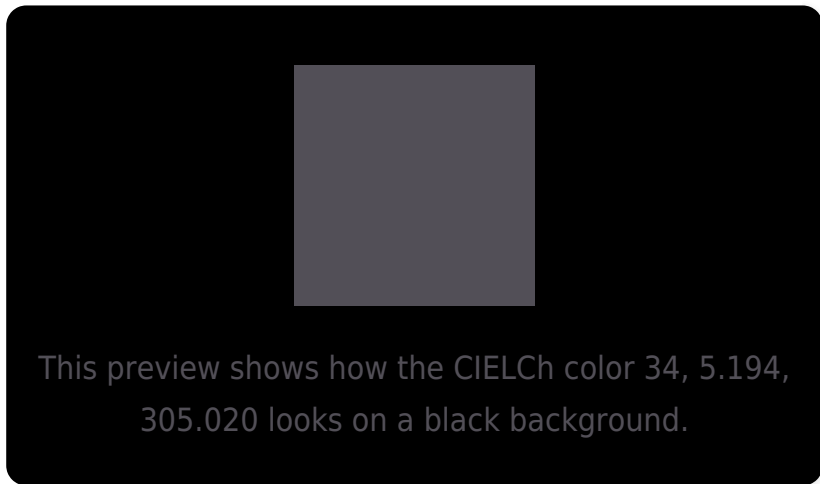
Large Text (above 18pt) WCAG AA ✓ Pass

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

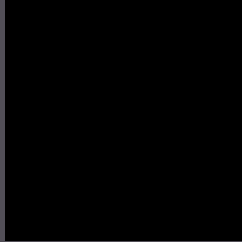
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 5.194, 305.020

Background



This preview shows how black text looks on a background with the CIELCh color 34, 5.194, 305.020.



This preview shows how white text looks on a background with the CIELCh color 34, 5.194, 305.020.

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, 5.194, 305.020

Protanopia

34, 5.025, 291.046

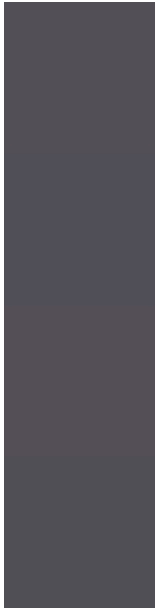
Deuteranopia

34, 6.404, 318.537



Tritanopia
34, 3.874, 303.395

Trichromacy



Original Color

34, 5.194, 305.020

Protanomaly

34, 5.048, 295.773

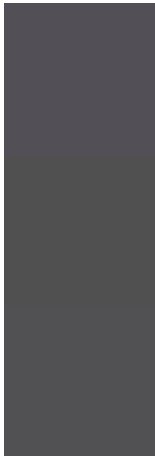
Deuteranomaly

34, 6.219, 315.048

Tritanomaly

34, 4.488, 301.707

Monochromacy



Original Color

34, 5.194, 305.020

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 1.333, 309.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 5.194, 305.020 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(82, 79, 87)` looks like.

```
.text, #text, p{  
    color:rgb(82, 79, 87)  
}
```

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(82, 79, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 79, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 5.194, 305.020 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(82, 79, 87) }
```

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

```
.border{ border-color:rgb(82, 79, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 79, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 79, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 79, 87);  
box-shadow:4px 4px 4px 4px rgb(82, 79, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 5.194, 305.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 79, 87) }
```

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

```
.background{ background-color: rgb(82, 79,  
87) }
```

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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