

Converting Colors

CIELCh(31, 13.754, 324.510)

Have a look what the booklet for
CIELCh(31, 13.754, 324.510)
contains.

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Color

CIELCh(31, 14.303, 324.057)

Conversions

Conversions Part 1

Format	Color
Hex	554356
RGB	85, 67, 86
RGB Percent	33%, 26%, 34%
CMY	0.6659, 0.7365, 0.6620
CMYK	0.01, 0.22, 0.00, 0.66
HSL	297°, 12%, 30%
HSV	297°, 22%, 34%
XYZ	7.4693, 6.6515, 9.7347
YIQ	74.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

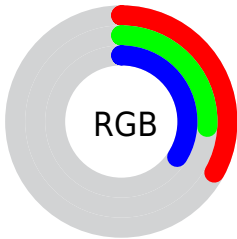
Format	Color
R_YB	85, 67, 86
Decimal	5587798
CIE Lab	31.00, 11.58, -8.40
CIE LCh	31, 14.303, 324.057
Yxy	6.6515, 0.3131, 0.2788
Android (android.graphics.Color)	4283777878 (0xFF554356)
YUV	74.5480, 5.6458, 9.1664
Hunter-Lab	25.7905, 6.5627, -4.3257




Details

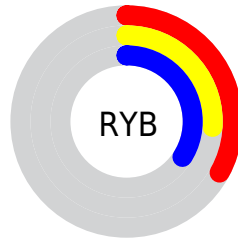
The CIELCh color $[31, 14.303, 324.057]$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $[35, 14.264, 141.828]$, and the grayscale version is $[32, 0.005, 296.813]$.




A 20% lighter version of the original color is $[51, 14.571, 323.922]$, and $[11, 14.381, 324.510]$ is the 20% darker color. If you saturate the color by 10%, you get $[29, 20.789, 324.520]$, and if you desaturate by 10%, it is $[34, 7.784, 323.579]$.

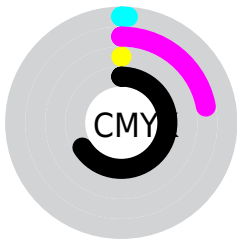
Distribution







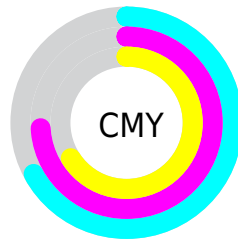
-  Red (33%)
-  Green (26%)
-  Blue (34%)






-  Red (33%)
-  Yellow (26%)
-  Blue (34%)



-  Cyan (1%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (66%)





-  Cyan (67%)
-  Magenta (74%)
-  Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 14.303, 324.057 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, 14.303, 324.057 by changing the saturation by 10% instead.


 31, 14.303,
324.057


 31, 14.303,
324.057

 100, 14.303,
324.057


 21, 14.303,
324.057

 51, 14.303,
324.057


 11, 14.303,
324.057


 61, 14.303,
324.057

 1, 14.303, 324.057

 71, 14.303,
324.057

 0, 14.303, 324.057

 81, 14.303,
324.057

 91, 14.303,
324.057

■ 31, 14.303,
324.057

■ 31, 14.303,
324.057

■ 29, 20.789,
324.520

■ 34, 7.784, 323.579

■ 36, 1.318, 323.025

■ 26, 27.129,
324.960

■ 39, 5.041, 142.692

■ 24, 33.166,
325.361

■ 41, 11.260,
142.230

■ 22, 38.709,
325.707

■ 44, 17.320,
141.797

■ 21, 43.539,
325.980

■ 47, 23.210,
141.387

■ 19, 47.442,
326.163


■ 50, 28.929,
141.001

■ 18, 50.346,
326.254

■ 52, 34.479,
140.639

■ 18, 52.584,

326.325

 55, 39.866,
140.300

Harmonies

Complementary

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



31, 14.303, 324.057



35, 14.264, 141.828

Rectangle

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



31, 14.303, 324.057



31, 14.303, 14.057



31, 14.303, 144.057



31, 14.303, 194.057

Sweetspot

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



31, 14.302, 324.057



45, 5.605, 323.341



30, 11.398, 289.756



22, 3.603, 323.351



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, 14.302, 324.057



39, 20.975, 324.283



31, 10.766, 341.866



16, 3.626, 323.419



23, 61.197, 326.272



54, 108.812, 326.141

Inverse Universe

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



31, 8.724, 16.725



38, 12.986, 17.221



35, 10.573, 158.546



16, 2.130, 15.551



21, 51.487, 34.483



49, 96.119, 38.423

Previews

White Background



This preview shows how the CIELCh color 31, 14.303, 324.057 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 31, 14.303, 324.057 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, 14.303, 324.057

Background



This preview shows how black text looks on a background with the CIELCh color 31, 14.303, 324.057.



This preview shows how white text looks on a background with the CIELCh color 31, 14.303, 324.057.

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, 14.303, 324.057

Protanopia

31, 11.506, 286.352

Deuteranopia

31, 9.045, 299.633



Tritanopia
31, 7.658, 350.928

Trichromacy



Original Color

31, 14.303, 324.057

Protanomaly

31, 12.341, 301.749

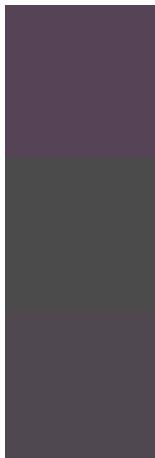
Deuteranomaly

31, 10.179, 310.939

Tritanomaly

31, 9.877, 336.008

Monochromacy



Original Color

31, 14.303, 324.057

Achromatopsia

32, 0.005, 296.813

Achromatomaly

31, 5.403, 324.856

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 31, 14.303, 324.057 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(85, 67, 86)` looks like.

```
.text, #text, p{  
    color:rgb(85, 67, 86)  
}
```

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(85, 67, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 67, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 14.303, 324.057 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(85, 67, 86) }
```

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

```
.border{ border-color:rgb(85, 67, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 67, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 67, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 67, 86);  
box-shadow:4px 4px 4px 4px rgb(85, 67, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 14.303, 324.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 67, 86) }
```

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

```
.background{ background-color: rgb(85, 67,  
86) }
```

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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