

Converting Colors

CIELCh(31, 24.670, 351.913)

Have a look what the booklet for
CIELCh(31, 24.670, 351.913)
contains.

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Color

CIELCh(31, 24.406, 351.849)

Conversions

Conversions Part 1

Format	Color
Hex	6A3A4F
RGB	106, 58, 79
RGB Percent	42%, 23%, 31%
CMY	0.5844, 0.7726, 0.6903
CMYK	0.00, 0.45, 0.25, 0.58
HSL	334°, 29%, 32%
HSV	334°, 45%, 42%
XYZ	8.8643, 6.6515, 8.2103
YIQ	74.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

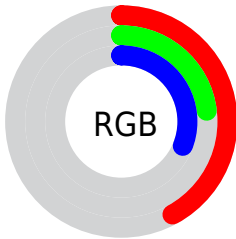
Format	Color
R_{YB}	106, 58, 79
Decimal	6961743
CIE _{Lab}	31.00, 24.16, -3.46
CIE _{LCh}	31, 24.406, 351.849
Yxy	6.6515, 0.3736, 0.2803
Android (android.graphics.Color)	4285151823 (0xFF6A3A4F)
YUV	74.7460, 2.0972, 27.4098
Hunter-Lab	25.7905, 16.2179, -0.8214




Details

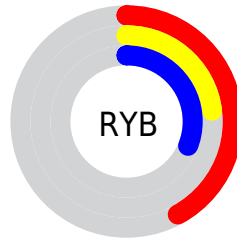
The CIELCh color $[31, 24.406, 351.849]$ is a dark color, and the websafe version is hex `#663333`. A complement of this color would be $[41, 22.770, 162.757]$, and the grayscale version is $[32, 0.005, 296.813]$.




A 20% lighter version of the original color is $[51, 24.753, 351.891]$, and $[11, 24.383, 351.858]$ is the 20% darker color. If you saturate the color by 10%, you get $[28, 29.535, 353.378]$, and if you desaturate by 10%, it is $[34, 19.017, 350.555]$.

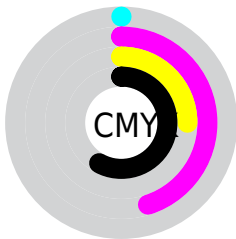
Distribution







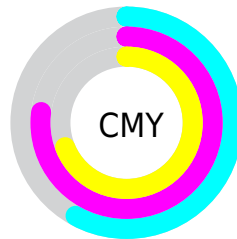
-  Red (42%)
-  Green (23%)
-  Blue (31%)






-  Red (42%)
-  Yellow (23%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (25%)
-  Black (58%)




-  Cyan (58%)
-  Magenta (77%)
-  Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 24.406, 351.849 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, 24.406, 351.849 by changing the saturation by 10% instead.


 31, 24.406,
351.849

 31, 24.406,
351.849

 100, 24.406,
351.849

 21, 24.406,
351.849

 51, 24.406,
351.849


 11, 24.406,
351.849


 61, 24.406,
351.849

 1, 24.406, 351.849

 71, 24.406,
351.849

 0, 24.406, 351.849

 81, 24.406,
351.849

 91, 24.406,
351.849

31, 24.406,
351.849

31, 24.406,
351.849

28, 29.535,
353.378

34, 19.017,
350.555

26, 34.189,
355.219

37, 13.544,
349.433

24, 38.122,
357.486

40, 8.101, 348.437

23, 41.116, 0.316

43, 2.766, 347.496

22, 43.229, 3.734

46, 2.419, 166.914

21, 44.271, 5.307

50, 7.431, 166.118

53, 12.264,
165.443

56, 16.920,
164.829

60, 21.407,

Harmonies

Complementary

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



31, 24.406, 351.849



41, 22.770, 162.757

Rectangle

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



31, 24.406, 351.849



31, 24.406, 41.849



31, 24.406, 171.849



31, 24.406, 221.849

Sweetspot

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



31, 24.404, 351.850



52, 9.187, 348.352



29, 32.267, 312.803



25, 6.308, 348.504



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



31, 24.404, 351.850



38, 35.752, 353.412



31, 22.167, 27.185



21, 2.979, 347.849



24, 47.571, 5.896



52, 81.934, 8.989

Inverse Universe

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



31, 24.404, 351.850



38, 35.752, 353.412



41, 16.184, 202.740



21, 2.979, 347.849



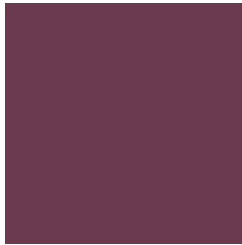
24, 47.571, 5.896



52, 81.934, 8.989

Previews

White Background



This preview shows how the CIE LCh color 31, 24.406, 351.849 looks on a white background.

Color Contrast Check

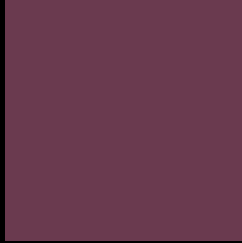
Large Text (above 18pt) WCAG AA ✓ Pass

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 31, 24.406, 351.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

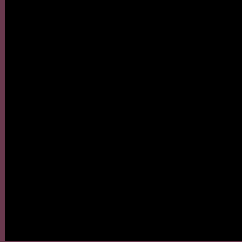
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 24.406, 351.849

Background



This preview shows how black text looks on a background with the CIELCh color 31, 24.406, 351.849.



This preview shows how white text looks on a background with the CIELCh color 31, 24.406, 351.849.

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, 24.406, 351.849

Protanopia

31, 9.592, 284.704

Deuteranopia

31, 5.189, 332.903



Tritanopia
31, 20.682, 16.400

Trichromacy



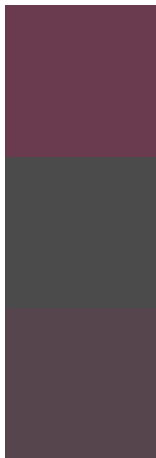
Original Color
31, 24.406, 351.849

Protanomaly
31, 12.582, 322.078

Deuteranomaly
31, 12.612, 344.575

Tritanomaly
31, 21.302, 6.591

Monochromacy



Original Color
31, 24.406, 351.849

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 8.724, 350.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 24.406, 351.849 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(106, 58, 79)` looks like.

```
.text, #text, p{  
    color:rgb(106, 58, 79)  
}
```

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(106, 58, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 58, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 24.406, 351.849 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(106, 58, 79) }
```

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

```
.border{ border-color:rgb(106, 58, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 58, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 58, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 58, 79);  
box-shadow:4px 4px 4px 4px rgb(106, 58,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 24.406, 351.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 58, 79) }
```

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

```
.background{ background-color: rgb(106, 58,  
79) }
```

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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