

Converting Colors

CIELCh(31, 30.732, 351.810)

Have a look what the booklet for
CIELCh(31, 30.732, 351.810)
contains.

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Color

CIELCh(31, 30.702, 351.744)

Conversions

Conversions Part 1

Format	Color
Hex	723551
RGB	114, 53, 81
RGB Percent	45%, 21%, 32%
CMY	0.5545, 0.7936, 0.6838
CMYK	0.00, 0.54, 0.29, 0.55
HSL	332°, 37%, 33%
HSV	332°, 54%, 45%
XYZ	9.6145, 6.6515, 8.4899
YIQ	74.4310, 27.3680, 21.6400

Conversions

Conversions Part 2

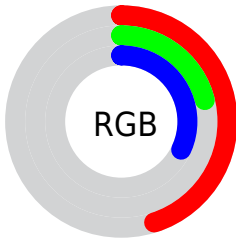
Format	Color
R_{YB}	114, 53, 81
Decimal	7484753
CIE _{Lab}	31.00, 30.38, -4.41
CIE _{LCh}	31, 30.702, 351.744
Yxy	6.6515, 0.3884, 0.2687
Android (android.graphics.Color)	4285674833 (0xFF723551)
YUV	74.4310, 3.2385, 34.7020
Hunter-Lab	25.7905, 21.4103, -1.4641

Details

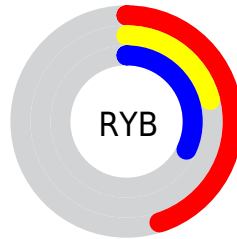
The CIELCh color **31, 30.702, 351.744** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43, 28.632, 160.408**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 30.703, 352.122**, and **11, 30.750, 350.943** is the 20% darker color. If you saturate the color by 10%, you get **29, 35.704, 353.483**, and if you desaturate by 10%, it is **34, 25.197, 350.296**.

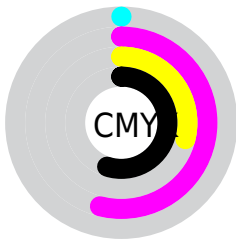
Distribution



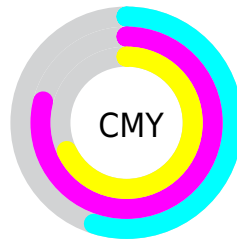
- Red (45%)
- Green (21%)
- Blue (32%)



- Red (45%)
- Yellow (21%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (29%)
- Black (55%)





- Cyan (55%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 30.702, 351.744 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, 30.702, 351.744 by changing the saturation by 10% instead.


 31, 30.702,
351.744


 31, 30.702,
351.744

 100, 30.702,
351.744


 21, 30.702,
351.744

 51, 30.702,
351.744


 11, 30.702,
351.744


 61, 30.702,
351.744

 1, 30.702, 351.744

 71, 30.702,
351.744

 0, 30.702, 351.744

 81, 30.702,
351.744

 91, 30.702,
351.744

■ 31, 30.702,
351.744

■ 31, 30.702,
351.744

■ 29, 35.704,
353.483

■ 34, 25.197,
350.296

■ 26, 39.941,
355.613

■ 37, 19.429,
349.058

■ 25, 43.165,
358.267

■ 40, 13.575,
347.978

■ 24, 45.288, 1.563

■ 43, 7.757, 347.013

■ 23, 46.561, 3.699

■ 47, 2.055, 346.061

■ 50, 3.487, 165.503

■ 54, 8.846, 164.749

■ 57, 14.017,
164.089

■ 61, 19.002,

Harmonies

Complementary

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



31, 30.702, 351.744



43, 28.632, 160.408

Rectangle

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



31, 30.702, 351.744



31, 30.702, 41.744



31, 30.702, 171.744



31, 30.702, 221.744

Sweetspot

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



31, 30.700, 351.745



55, 11.312, 347.270



29, 40.510, 312.678



27, 7.601, 347.414



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



31, 30.700, 351.745



37, 44.311, 353.876



31, 28.971, 27.400



22, 3.142, 346.584



25, 48.364, 3.986



53, 82.497, 6.859

Inverse Universe

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



31, 30.700, 351.745



37, 44.311, 353.876



43, 19.755, 200.796



22, 3.142, 346.584



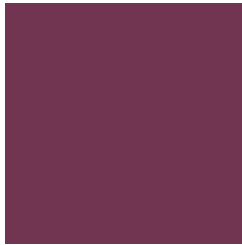
25, 48.364, 3.986



53, 82.497, 6.859

Previews

White Background



This preview shows how the CIE LCh color 31, 30.702, 351.744 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, 30.702, 351.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

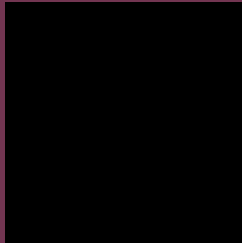
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 30.702, 351.744

Background



This preview shows how black text looks on a background with the CIELCh color 31, 30.702, 351.744.



This preview shows how white text looks on a background with the CIELCh color 31, 30.702, 351.744.

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, 30.702, 351.744

Protanopia

31, 13.439, 284.343

Deuteranopia

31, 5.670, 328.554



Tritanopia
31, 26.070, 19.107

Trichromacy



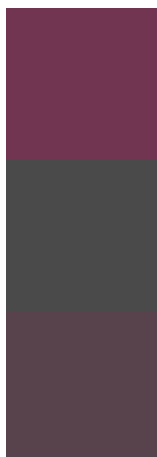
Original Color
31, 30.702, 351.744

Protanomaly
31, 16.676, 320.658

Deuteranomaly
31, 15.432, 344.258

Tritanomaly
31, 27.330, 8.087

Monochromacy



Original Color
31, 30.702, 351.744

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 11.591, 348.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 30.702, 351.744 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(114, 53, 81)` looks like.

```
.text, #text, p{  
    color:rgb(114, 53, 81)  
}
```

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(114, 53, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 53, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 30.702, 351.744 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(114, 53, 81) }
```

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

```
.border{ border-color:rgb(114, 53, 81) }
```

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

Here you see how a box with a 4 pixel rgb(114, 53, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 53, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 53, 81);  
box-shadow:4px 4px 4px 4px rgb(114, 53,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 30.702, 351.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 53, 81) }
```

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

```
.background{ background-color: rgb(114, 53,  
81) }
```

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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