

Converting Colors

CIELCh(31, 43.967, 329.919)

Have a look what the booklet for
CIELCh(31, 43.967, 329.919)
contains.

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Color

CIELCh(31, 43.978, 330.134)

Conversions

Conversions Part 1

Format	Color
Hex	722F6C
RGB	114, 47, 108
RGB Percent	45%, 18%, 42%
CMY	0.5539, 0.8166, 0.5774
CMYK	0.00, 0.59, 0.05, 0.55
HSL	305°, 42%, 31%
HSV	305°, 59%, 45%
XYZ	10.6068, 6.6515, 14.8440
YIQ	73.9870, 20.3510, 33.1750

Conversions

Conversions Part 2

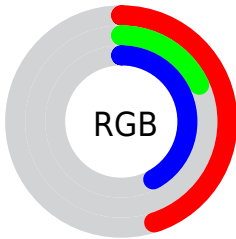
Format	Color
R_{YB}	114, 47, 108
Decimal	7483244
CIE _{Lab}	31.00, 38.14, -21.90
CIE _{LCh}	31, 43.978, 330.134
Yxy	6.6515, 0.3304, 0.2072
Android (android.graphics.Color)	4285673324 (0xFF722F6C)
YUV	73.9870, 16.7684, 35.0914
Hunter-Lab	25.7905, 28.2779, -16.0717

Details

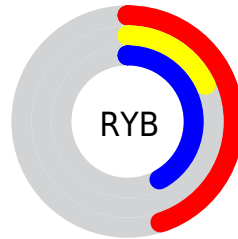
The CIELCh color **31, 43.978, 330.134** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43, 44.454, 141.992**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 44.095, 330.115**, and **12, 41.119, 329.971** is the 20% darker color. If you saturate the color by 10%, you get **29, 49.672, 330.622**, and if you desaturate by 10%, it is **33, 37.363, 329.619**.

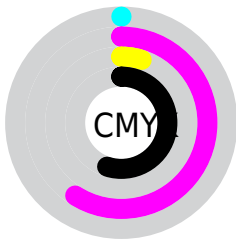
Distribution



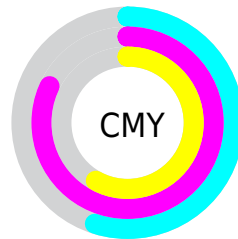
- Red (45%)
- Green (18%)
- Blue (42%)



- Red (45%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (5%)
- Black (55%)





- Cyan (55%)
- Magenta (82%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 43.978, 330.134 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, 43.978, 330.134 by changing the saturation by 10% instead.


 31, 43.978,
330.134


 31, 43.978,
330.134

 100, 43.978,
330.134


 21, 43.978,
330.134

 51, 43.978,
330.134


 11, 43.978,
330.134


 61, 43.978,
330.134

 1, 43.978, 330.134

 71, 43.978,
330.134

 0, 43.978, 330.134

 81, 43.978,
330.134

 91, 43.978,
330.134

■ 31, 43.978,
330.134

■ 31, 43.978,
330.134

■ 29, 49.672,
330.622

■ 33, 37.363,
329.619

■ 27, 54.166,
331.079

■ 36, 30.119,
329.082

■ 26, 57.250,
331.509

■ 39, 22.500,
328.531

■ 26, 59.327,
331.919

■ 42, 14.708,
327.974

■ 25, 59.561,
331.964

■ 45, 6.891, 327.409

■ 48, 0.848, 147.114

■ 52, 8.441, 146.392

■ 55, 15.850,
145.876

■ 58, 23.054,
145.387

Harmonies

Complementary

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



31, 43.978, 330.134



43, 44.454, 141.992

Rectangle

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



31, 43.978, 330.134



31, 43.978, 20.134



31, 43.978, 150.134



31, 43.978, 200.134

Sweetspot

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



31, 43.976, 330.134



54, 17.379, 327.950



24, 44.215, 300.603



27, 12.005, 328.079



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, 43.976, 330.134



38, 62.377, 330.806



30, 32.854, 355.517



22, 4.311, 327.415



27, 61.804, 331.987



57, 105.147, 332.223

Inverse Universe

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



31, 43.976, 330.134



38, 62.377, 330.806



43, 29.927, 162.106



22, 4.311, 327.415



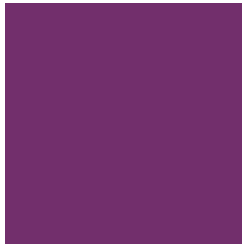
27, 61.804, 331.987



57, 105.147, 332.223

Previews

White Background



This preview shows how the CIELCh color 31, 43.978, 330.134 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, 43.978, 330.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

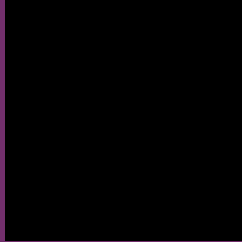
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 43.978, 330.134

Background



This preview shows how black text looks on a background with the CIELCh color 31, 43.978, 330.134.



This preview shows how white text looks on a background with the CIELCh color 31, 43.978, 330.134.

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, 43.978, 330.134

Protanopia

31, 36.995, 285.763

Deuteranopia

31, 19.265, 282.870



Tritanopia
31, 23.606, 17.934

Trichromacy



Original Color
31, 43.978, 330.134

Protanomaly
30, 37.808, 300.437

Deuteranomaly
30, 27.765, 308.632

Tritanomaly
31, 28.030, 353.233

Monochromacy



Original Color
31, 43.978, 330.134

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 17.269, 328.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 43.978, 330.134 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, 47, 108)` looks like.

```
.text, #text, p{  
    color:rgb(114, 47, 108)  
}
```

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, 47, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 47, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 43.978, 330.134 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, 47, 108) }
```

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

```
.border{ border-color:rgb(114, 47, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 47, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 47, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 47, 108);  
box-shadow:4px 4px 4px 4px rgb(114, 47,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 43.978, 330.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 47, 108) }
```

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

```
.background{ background-color: rgb(114, 47,  
108) }
```

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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