

Converting Colors

CIELCh(44, 14.089, 311.540)

Have a look what the booklet for
CIELCh(44, 14.089, 311.540)
contains.

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Color

CIELCh(44, 14.065, 311.400)

Conversions

Conversions Part 1

Format	Color
Hex	70647A
RGB	112, 100, 122
RGB Percent	44%, 39%, 48%
CMY	0.5626, 0.6096, 0.5234
CMYK	0.08, 0.18, 0.00, 0.52
HSL	273°, 10%, 43%
HSV	273°, 18%, 48%
XYZ	14.6236, 13.8382, 20.1636
YIQ	106.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

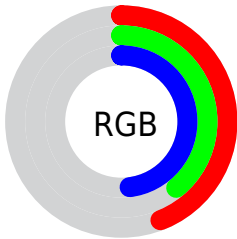
Format	Color
R_{YB}	112, 100, 122
Decimal	7365754
CIE Lab	44.00, 9.30, -10.55
CIE LCh	44, 14.065, 311.400
Yxy	13.8382, 0.3007, 0.2846
Android (android.graphics.Color)	4285555834 (0xFF70647A)
YUV	106.0960, 7.8407, 5.1778
Hunter-Lab	37.1997, 5.0706, -6.0975

Details

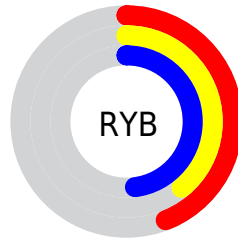
The CIELCh color **44, 14.065, 311.400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 13.769, 129.880**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 13.765, 311.867**, and **24, 14.117, 311.903** is the 20% darker color. If you saturate the color by 10%, you get **40, 22.090, 311.866**, and if you desaturate by 10%, it is **48, 6.210, 310.953**.

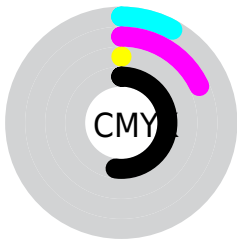
Distribution



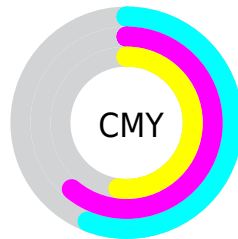
- Red (44%)
- Green (39%)
- Blue (48%)



- Red (44%)
- Yellow (39%)
- Blue (48%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (61%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 14.065, 311.400 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 44, 14.065, 311.400 by changing the saturation by 10% instead.


 44, 14.065,
311.400

 44, 14.065,
311.400

 100, 14.065,
311.400

 34, 14.065,
311.400

 64, 14.065,
311.400


 24, 14.065,
311.400

 74, 14.065,
311.400

 14, 14.065,
311.400


 84, 14.065,
311.400

 4, 14.065, 311.400

 94, 14.065,
311.400

 0, 14.065, 311.400

 44, 14.065,

 44, 14.065,

311.400

40, 22.090,
311.866

36, 30.229,
312.345

33, 38.377,
312.817

29, 46.360,
313.247

26, 53.910,
313.585

23, 60.644,
313.761

21, 66.092,
313.688

19, 70.320,
313.413

311.400

48, 6.210, 310.953

52, 1.441, 130.628

56, 8.877, 130.206

60, 16.095,
129.870

63, 23.100,
129.573

67, 29.898,
129.310

71, 36.499,
129.078

75, 42.913,
128.876

79, 49.150,

■ 18, 71.172,
313.386

128.700

Harmonies

Complementary

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



44, 14.065, 311.400



50, 13.769, 129.880

Rectangle

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



44, 14.065, 311.400



44, 14.065, 1.400



44, 14.065, 131.400



44, 14.065, 181.400

Sweetspot

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



44, 14.064, 311.399



63, 4.745, 310.821



46, 7.901, 261.420



32, 3.222, 310.846



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 14.064, 311.399



55, 21.327, 311.605



45, 15.449, 326.292



24, 4.356, 310.997



19, 72.619, 313.354



42, 122.865, 312.762

Inverse Universe

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



45, 10.878, 347.715



55, 16.484, 348.157



49, 15.433, 144.256



24, 3.370, 346.868



26, 49.806, 4.637



54, 83.790, 7.380

Previews

White Background



This preview shows how the CIELCh color 44, 14.065, 311.400 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 × Fail

Black Background



This preview shows how the CIE LCh color 44, 14.065, 311.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

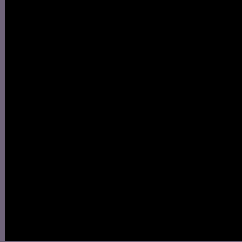
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 14.065, 311.400

Background



This preview shows how black text looks on a background with the CIELCh color 44, 14.065, 311.400.



This preview shows how white text looks on a background with the CIELCh color 44, 14.065, 311.400.

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


44, 14.065, 311.400

Protanopia

44, 12.616, 286.818

Deuteranopia

44, 11.531, 299.490



Tritanopia
44, 5.825, 324.789

Trichromacy



Original Color
44, 14.065, 311.400

Protanomaly
44, 12.641, 295.420

Deuteranomaly
44, 12.355, 304.561

Tritanomaly
44, 8.812, 318.336

Monochromacy



Original Color
44, 14.065, 311.400

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 5.073, 309.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 14.065, 311.400 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(112, 100, 122)` looks like.

```
.text, #text, p{  
    color:rgb(112, 100, 122)  
}
```

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(112, 100, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 100, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 14.065, 311.400 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(112, 100, 122) }
```

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

```
.border{ border-color:rgb(112, 100, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 100, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 100, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 100, 122); box-shadow:4px 4px 4px 4px rgb(112, 100, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 14.065, 311.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 100, 122) }
```

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

```
.background{ background-color: rgb(112,  
100, 122) }
```

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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