

Converting Colors

CIELCh(40, 15.000, 322.734)

Have a look what the booklet for
CIELCh(40, 15.000, 322.734)
contains.

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Color

CIELCh(40, 14.975, 322.727)

Conversions

Conversions Part 1

Format	Color
Hex	6B586D
RGB	107, 88, 109
RGB Percent	42%, 35%, 43%
CMY	0.5797, 0.6542, 0.5719
CMYK	0.02, 0.19, 0.00, 0.57
HSL	294°, 11%, 39%
HSV	294°, 19%, 43%
XYZ	12.3570, 11.2510, 16.0368
YIQ	96.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

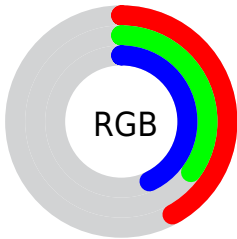
Format	Color
R_{YB}	107, 88, 109
Decimal	7034989
CIE _{Lab}	40.00, 11.92, -9.07
CIE _{LCh}	40, 14.975, 322.727
Yxy	11.2510, 0.3117, 0.2838
Android (android.graphics.Color)	4285225069 (0xFF6B586D)
YUV	96.0750, 6.3720, 9.5812
Hunter-Lab	33.5425, 7.0597, -4.8671

Details

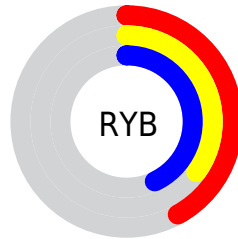
The CIELCh color $40, 14.975, 322.727$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 14.911, 140.848$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 14.818, 323.906$, and $20, 15.520, 321.573$ is the 20% darker color. If you saturate the color by 10%, you get $37, 22.803, 323.187$, and if you desaturate by 10%, it is $43, 7.151, 322.253$.

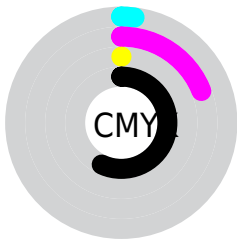
Distribution



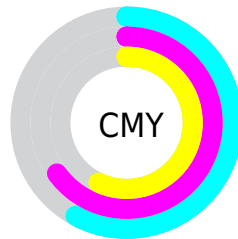
- Red (42%)
- Green (35%)
- Blue (43%)



- Red (42%)
- Yellow (35%)
- Blue (43%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (57%)




- Cyan (58%)
- Magenta (65%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 14.975, 322.727 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 40, 14.975, 322.727 by changing the saturation by 10% instead.


 40, 14.975,
322.727


 40, 14.975,
322.727


 100, 14.975,
322.727


 30, 14.975,
322.727

 60, 14.975,
322.727


 20, 14.975,
322.727

 70, 14.975,
322.727


 10, 14.975,
322.727

 80, 14.975,
322.727

 0, 14.975, 322.727

 90, 14.975,
322.727

 40, 14.975,

 40, 14.975,

322.727

37, 22.803,
323.187

34, 30.509,
323.623

31, 37.909,
324.021

29, 44.768,
324.358

27, 50.807,
324.610

25, 55.734,
324.755

24, 59.313,
324.770

23, 62.020,
324.709

322.727

43, 7.151, 322.253

46, 0.578, 142.078

50, 8.155, 141.388

53, 15.548,
140.950

56, 22.739,
140.540

60, 29.723,
140.155

63, 36.500,
139.795

66, 43.076,
139.460

70, 49.459,

■ 23, 62.233,
324.706

139.150

Harmonies

Complementary

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



40, 14.975, 322.727



44, 14.911, 140.848

Rectangle

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



40, 14.975, 322.727



40, 14.975, 12.727



40, 14.975, 142.727



40, 14.975, 192.727

Sweetspot

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



40, 14.974, 322.727



57, 5.776, 322.101



39, 11.607, 287.971



29, 3.806, 322.123



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 14.974, 322.727



50, 22.343, 322.931



40, 11.661, 340.035



21, 4.280, 322.239



25, 65.501, 324.678



54, 112.769, 324.474

Inverse Universe

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



40, 9.207, 13.145



50, 13.903, 13.619



44, 11.502, 157.183



21, 2.564, 12.151



23, 54.528, 33.698



51, 97.300, 36.842

Previews

White Background



This preview shows how the CIELCh color 40, 14.975, 322.727 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 CIELCh color 40, 14.975, 322.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

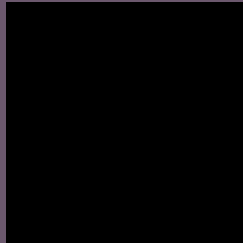
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 14.975, 322.727

Background



This preview shows how black text looks on a background with the CIELCh color 40, 14.975, 322.727.



This preview shows how white text looks on a background with the CIELCh color 40, 14.975, 322.727.

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


40, 14.975, 322.727

Protanopia

40, 11.642, 284.381

Deuteranopia

40, 10.004, 303.105



Tritanopia
40, 7.642, 346.635

Trichromacy



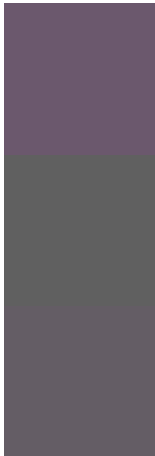
Original Color
40, 14.975, 322.727

Protanomaly
40, 12.340, 299.268

Deuteranomaly
40, 11.174, 312.718

Tritanomaly
40, 10.196, 335.069

Monochromacy



Original Color
40, 14.975, 322.727

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 5.693, 321.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 14.975, 322.727 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(107, 88, 109)` looks like.

```
.text, #text, p{  
    color:rgb(107, 88, 109)  
}
```

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(107, 88, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 88, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 14.975, 322.727 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(107, 88, 109) }
```

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

```
.border{ border-color:rgb(107, 88, 109) }
```

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

Here you see how a box with a 4 pixel rgb(107, 88, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 88, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 88, 109);  
box-shadow:4px 4px 4px 4px rgb(107, 88,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 14.975, 322.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 88, 109) }
```

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

```
.background{ background-color: rgb(107, 88,  
109) }
```

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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