

Converting Colors

CIELCh(40, 14.051, 321.067)

Have a look what the booklet for
CIELCh(40, 14.051, 321.067)
contains.

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Color

CIELCh(40, 14.040, 321.076)

Conversions

Conversions Part 1

Format	Color
Hex	6A596D
RGB	106, 89, 109
RGB Percent	42%, 35%, 43%
CMY	0.5853, 0.6519, 0.5735
CMYK	0.03, 0.18, 0.00, 0.57
HSL	291°, 10%, 39%
HSV	291°, 18%, 43%
XYZ	12.2121, 11.2510, 15.9242
YIQ	96.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

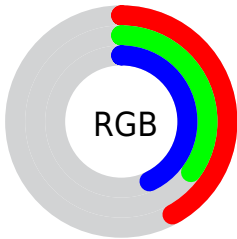
Format	Color
R_{YB}	106, 89, 109
Decimal	6969709
CIE _{Lab}	40.00, 10.92, -8.82
CIE _{LCh}	40, 14.040, 321.076
Yxy	11.2510, 0.3101, 0.2856
Android (android.graphics.Color)	4285159789 (0xFF6A596D)
YUV	96.3630, 6.2300, 8.4516
Hunter-Lab	33.5425, 6.2889, -4.6680

Details

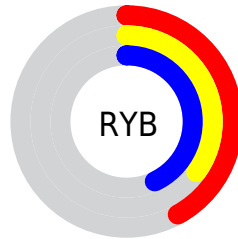
The CIELCh color $40, 14.040, 321.076$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 13.951, 139.398$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 13.741, 321.075$, and $20, 14.711, 321.271$ is the 20% darker color. If you saturate the color by 10%, you get $37, 21.757, 321.515$, and if you desaturate by 10%, it is $43, 6.359, 320.625$.

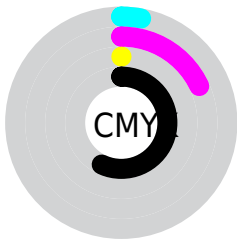
Distribution



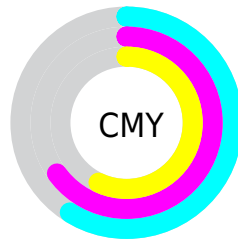
- Red (42%)
- Green (35%)
- Blue (43%)



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



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (57%)





- Cyan (59%)
- Magenta (65%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 14.040, 321.076 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, 14.040, 321.076 by changing the saturation by 10% instead.


 40, 14.040,
321.076


 40, 14.040,
321.076


 100, 14.040,
321.076


 30, 14.040,
321.076

 60, 14.040,
321.076


 20, 14.040,
321.076

 70, 14.040,
321.076


 10, 14.040,
321.076

 80, 14.040,
321.076

 0, 14.040, 321.076

 90, 14.040,
321.076

 40, 14.040,

 40, 14.040,

321.076

37, 21.757,
321.515

34, 29.400,
321.934

31, 36.805,
322.314

29, 43.751,
322.633

26, 49.964,
322.861

24, 55.142,
322.967

23, 59.011,
322.921

22, 61.915,
322.772

321.076

43, 6.359, 320.625

46, 1.208, 140.333

50, 8.617, 139.815

53, 15.840,
139.411

56, 22.866,
139.034

60, 29.692,
138.683

63, 36.319,
138.358

66, 42.755,
138.057

70, 49.006,

■ 22, 62.401,
322.753

137.781

Harmonies

Complementary

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



40, 14.040, 321.076



44, 13.951, 139.398

Rectangle

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



40, 14.040, 321.076



40, 14.040, 11.076



40, 14.040, 141.076



40, 14.040, 191.076

Sweetspot

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



40, 14.039, 321.076



56, 5.599, 320.520



39, 10.241, 284.496



29, 3.744, 320.541



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, 14.039, 321.076



50, 20.743, 321.262



40, 11.625, 336.903



21, 4.211, 320.651



24, 65.865, 322.709



52, 113.457, 322.398

Inverse Universe

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



40, 8.822, 8.768



49, 13.154, 9.236



44, 11.521, 154.362



21, 2.594, 7.806



23, 52.934, 30.669



51, 94.055, 33.880

Previews

White Background



This preview shows how the CIELCh color 40, 14.040, 321.076 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 40, 14.040, 321.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

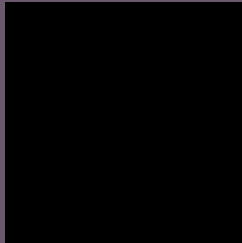
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 40, 14.040, 321.076

Background



This preview shows how black text looks on a background with the CIELCh color 40, 14.040, 321.076.



This preview shows how white text looks on a background with the CIELCh color 40, 14.040, 321.076.

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, 14.040, 321.076

Protanopia

40, 11.003, 285.811

Deuteranopia

40, 10.004, 303.105



Tritanopia
40, 6.942, 342.556

Trichromacy



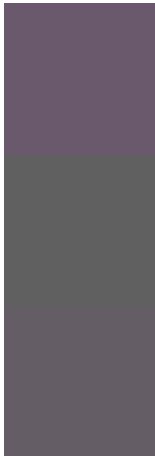
Original Color
40, 14.040, 321.076

Protanomaly
40, 11.737, 299.588

Deuteranomaly
40, 11.037, 310.744

Tritanomaly
40, 9.623, 331.349

Monochromacy



Original Color
40, 14.040, 321.076

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, 14.040, 321.076 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, 89, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 89, 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(106, 89, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 89, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 14.040, 321.076 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, 89, 109) }
```

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

```
.border{ border-color:rgb(106, 89, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 89, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 89, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 89, 109);  
box-shadow:4px 4px 4px 4px rgb(106, 89,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 14.040, 321.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 89, 109) }
```

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

```
.background{ background-color: rgb(106, 89,  
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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