

Converting Colors

CIELCh(40, 13.198, 322.247)

Have a look what the booklet for
CIELCh(40, 13.198, 322.247)
contains.

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Color

CIELCh(40, 13.522, 322.357)

Conversions

Conversions Part 1

Format	Color
Hex	6A596C
RGB	106, 89, 108
RGB Percent	42%, 35%, 42%
CMY	0.5850, 0.6516, 0.5771
CMYK	0.02, 0.18, 0.00, 0.58
HSL	294°, 10%, 39%
HSV	294°, 18%, 42%
XYZ	12.1808, 11.2510, 15.6704
YIQ	96.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

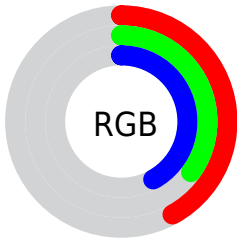
Format	Color
R_{YB}	106, 89, 108
Decimal	6969708
CIE _{Lab}	40.00, 10.71, -8.26
CIE _{LCh}	40, 13.522, 322.357
Yxy	11.2510, 0.3115, 0.2877
Android (android.graphics.Color)	4285159788 (0xFF6A596C)
YUV	96.2490, 5.7932, 8.5516
Hunter-Lab	33.5425, 6.1223, -4.2194

Details

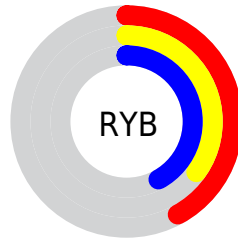
The CIELCh color $40, 13.522, 322.357$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 13.462, 140.675$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 13.261, 322.297$, and $20, 14.139, 322.620$ is the 20% darker color. If you saturate the color by 10%, you get $37, 21.260, 322.814$, and if you desaturate by 10%, it is $43, 5.808, 321.885$.

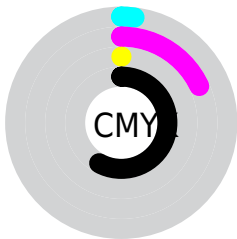
Distribution



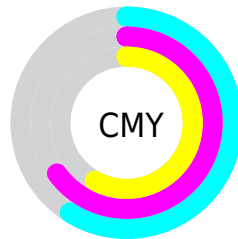
- Red (42%)
- Green (35%)
- Blue (42%)



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



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)





- Cyan (59%)
- Magenta (65%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 13.522, 322.357 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, 13.522, 322.357 by changing the saturation by 10% instead.


 40, 13.522,
322.357


 40, 13.522,
322.357


 100, 13.522,
322.357


 30, 13.522,
322.357

 60, 13.522,
322.357


 20, 13.522,
322.357


 70, 13.522,
322.357


 10, 13.522,
322.357

 80, 13.522,
322.357

 0, 13.522, 322.357

 90, 13.522,
322.357

 40, 13.522,

 40, 13.522,

322.357

37, 21.260,
322.814

34, 28.909,
323.251

31, 36.298,
323.651

29, 43.205,
323.994

27, 49.362,
324.256

25, 54.476,
324.410

24, 58.294,
324.435

23, 61.071,
324.360

322.357

43, 5.808, 321.885

46, 1.797, 141.542

50, 9.246, 141.038

53, 16.509,
140.612

56, 23.573,
140.212

59, 30.432,
139.837

63, 37.089,
139.488

66, 43.550,
139.164

69, 49.822,

■ 22, 61.746,
324.346

138.864

Harmonies

Complementary

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



40, 13.522, 322.357



44, 13.462, 140.675

Rectangle

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



40, 13.522, 322.357



40, 13.522, 12.357



40, 13.522, 142.357



40, 13.522, 192.357

Sweetspot

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



40, 13.521, 322.357



56, 4.725, 321.760



39, 10.297, 286.963



29, 3.250, 321.788



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, 13.521, 322.357



50, 20.034, 322.540



40, 10.678, 339.110



21, 4.267, 321.950



25, 65.560, 324.311



54, 112.881, 324.086

Inverse Universe

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



40, 8.312, 12.181



50, 12.441, 12.599



44, 10.555, 156.573



21, 2.568, 11.344



23, 54.262, 33.224



51, 96.740, 36.364

Previews

White Background



This preview shows how the CIELCh color 40, 13.522, 322.357 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, 13.522, 322.357 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, 13.522, 322.357

Background



This preview shows how black text looks on a background with the CIELCh color 40, 13.522, 322.357.



This preview shows how white text looks on a background with the CIELCh color 40, 13.522, 322.357.

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, 13.522, 322.357

Protanopia

40, 10.399, 285.341

Deuteranopia

40, 9.408, 303.804



Tritanopia
40, 6.942, 342.556

Trichromacy



Original Color
40, 13.522, 322.357

Protanomaly
40, 11.134, 299.953

Deuteranomaly
40, 10.466, 311.824

Tritanomaly
40, 9.623, 331.349

Monochromacy



Original Color
40, 13.522, 322.357

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 5.183, 324.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 13.522, 322.357 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 89, 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(106, 89, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 89, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 13.522, 322.357 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, 108) }
```

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

```
.border{ border-color:rgb(106, 89, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 89, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 89, 108); box-shadow:4px 4px 4px 4px rgb(106, 89, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 13.522, 322.357 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, 108) }
```

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

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