

Converting Colors

CIELCh(40, 10.196, 335.069)

Have a look what the booklet for
CIELCh(40, 10.196, 335.069)
contains.

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Color

CIELCh(40, 10.196, 335.069)

Conversions

Conversions Part 1

Format	Color
Hex	6A5965
RGB	106, 89, 101
RGB Percent	42%, 35%, 40%
CMY	0.5827, 0.6494, 0.6023
CMYK	0.00, 0.16, 0.05, 0.58
HSL	318°, 9%, 38%
HSV	318°, 16%, 42%
XYZ	11.9702, 11.2510, 13.9602
YIQ	95.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

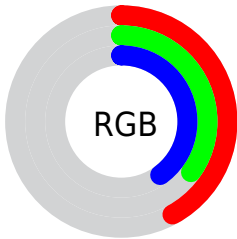
Format	Color
R _Y B	106, 89, 101
Decimal	6969701
CIE Lab	40.00, 9.25, -4.30
CIE LCh	40, 10.196, 335.069
Yxy	11.2510, 0.3219, 0.3026
Android (android.graphics.Color)	4285159781 (0xFF6A5965)
YUV	95.4510, 2.7357, 9.2515
Hunter-Lab	33.5425, 5.0016, -1.1965

Details

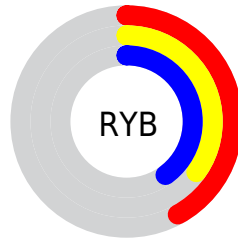
The CIELCh color $40, 10.196, 335.069$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 10.129, 152.980$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 10.149, 334.128$, and $20, 10.500, 336.467$ is the 20% darker color. If you saturate the color by 10%, you get $37, 16.632, 335.776$, and if you desaturate by 10%, it is $43, 3.791, 334.377$.

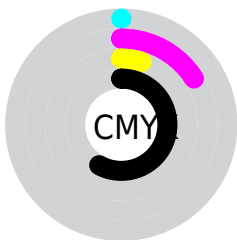
Distribution



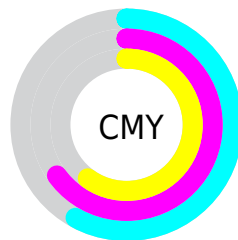
- Red (42%)
- Green (35%)
- Blue (40%)



- Red (42%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (58%)





- Cyan (58%)
- Magenta (65%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 10.196, 335.069 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, 10.196, 335.069 by changing the saturation by 10% instead.


 40, 10.196,
335.069


 40, 10.196,
335.069


 100, 10.196,
335.069


 30, 10.196,
335.069

 60, 10.196,
335.069


 20, 10.196,
335.069

 70, 10.196,
335.069


 10, 10.196,
335.069

 80, 10.196,
335.069

 0, 10.196, 335.069

 90, 10.196,
335.069

 40, 10.196,

 40, 10.196,

335.069

■ 37, 16.632,
335.776

■ 34, 22.997,
336.521

■ 31, 29.136,
337.317

■ 29, 34.842,
338.178

■ 27, 39.861,
339.128

■ 25, 43.917,
340.198

■ 24, 46.764,
341.437

■ 23, 48.493,
342.854

335.069

■ 43, 3.791, 334.377

■ 46, 2.509, 153.895

■ 49, 8.665, 153.246

■ 53, 14.655,
152.679

■ 56, 20.470,
152.149

■ 59, 26.110,
151.650

■ 63, 31.580,
151.179

■ 66, 36.887,
150.735

■ 69, 42.042,

■ 22, 49.180,
343.413

150.317

Harmonies

Complementary

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



40, 10.196, 335.069



43, 10.129, 152.980

Rectangle

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



40, 10.196, 335.069



40, 10.196, 25.069



40, 10.196, 155.069



40, 10.196, 205.069

Sweetspot

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



40, 10.195, 335.070



55, 3.911, 334.313



39, 10.645, 302.129



28, 2.649, 334.351



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 10.195, 335.070



50, 14.997, 335.316



40, 7.630, 3.432



21, 3.586, 334.588



25, 52.596, 343.631



54, 89.533, 344.840

Inverse Universe

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



40, 10.195, 335.070



50, 14.997, 335.316



44, 7.208, 180.658



21, 3.586, 334.588



25, 52.596, 343.631



54, 89.533, 344.840

Previews

White Background



This preview shows how the CIELCh color 40, 10.196, 335.069 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, 10.196, 335.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

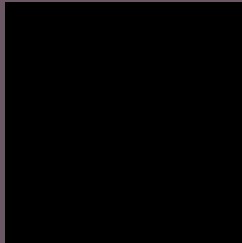
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 10.196, 335.069

Background



This preview shows how black text looks on a background with the CIELCh color 40, 10.196, 335.069.



This preview shows how white text looks on a background with the CIELCh color 40, 10.196, 335.069.

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, 10.196, 335.069

Protanopia

40, 6.103, 287.347

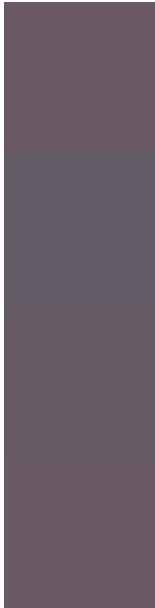
Deuteranopia

40, 6.436, 321.778



Tritanopia
40, 7.998, 348.418

Trichromacy



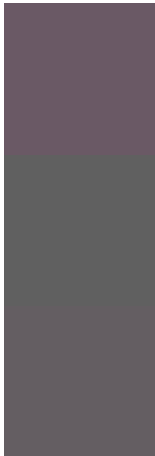
Original Color
40, 10.196, 335.069

Protanomaly
40, 7.179, 311.062

Deuteranomaly
40, 7.642, 327.555

Tritanomaly
40, 8.677, 341.543

Monochromacy



Original Color
40, 10.196, 335.069

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 3.510, 335.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 10.196, 335.069 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(106, 89, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 89, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 10.196, 335.069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

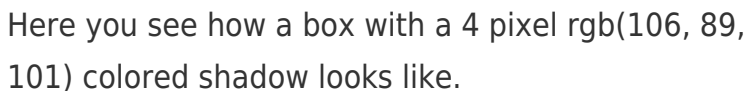
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 89, 101) }
```

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

```
.border{ border-color:rgb(106, 89, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 89, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 89, 101); box-shadow:4px 4px 4px 4px rgb(106, 89, 101) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 10.196, 335.069 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, 101) }
```

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

```
.background{ background-color: rgb(106, 89,  
101) }
```

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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