

Converting Colors

CIELCh(40, 15.607, 322.631)

Have a look what the booklet for
CIELCh(40, 15.607, 322.631)
contains.

CIELCh(40, 15.687, 322.888)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(40, 15.687, 322.888)

Conversions

Conversions Part 1

Format	Color
Hex	6C586E
RGB	108, 88, 110
RGB Percent	42%, 35%, 43%
CMY	0.5772, 0.6556, 0.5693
CMYK	0.02, 0.20, 0.00, 0.57
HSL	295°, 11%, 39%
HSV	295°, 20%, 43%
XYZ	12.4440, 11.2510, 16.2179
YIQ	96.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

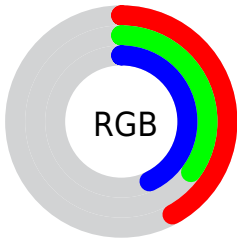
Format	Color
R_{YB}	108, 88, 110
Decimal	7100526
CIE Lab	40.00, 12.51, -9.47
CIE LCh	40, 15.687, 322.888
Yxy	11.2510, 0.3118, 0.2819
Android (android.graphics.Color)	4285290606 (0xFF6C586E)
YUV	96.4880, 6.6614, 10.0960
Hunter-Lab	33.5425, 7.5228, -5.1872

Details

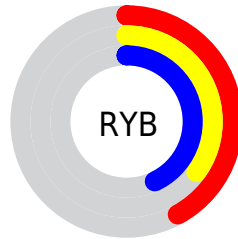
The CIELCh color $40, 15.687, 322.888$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 15.621, 140.913$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 15.957, 322.887$, and $20, 15.716, 323.065$ is the 20% darker color. If you saturate the color by 10%, you get $37, 23.556, 323.349$, and if you desaturate by 10%, it is $43, 7.811, 322.413$.

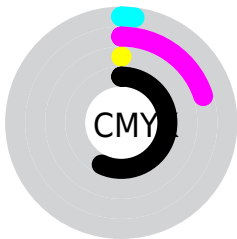
Distribution



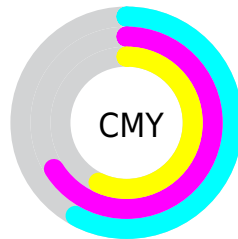
- Red (42%)
- Green (35%)
- Blue (43%)



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



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (57%)





- Cyan (58%)
- Magenta (66%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 15.687, 322.888 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, 15.687, 322.888 by changing the saturation by 10% instead.


 40, 15.687,
322.888


 40, 15.687,
322.888


 100, 15.687,
322.888


 30, 15.687,
322.888

 60, 15.687,
322.888


 20, 15.687,
322.888


 70, 15.687,
322.888


 10, 15.687,
322.888

 80, 15.687,
322.888

 0, 15.687, 322.888

 90, 15.687,
322.888

 40, 15.687,

 40, 15.687,

322.888

322.888

37, 23.556,
323.349

43, 7.811, 322.413

34, 31.286,
323.785

46, 0.025, 315.835

50, 7.613, 141.540

31, 38.688,
324.181

53, 15.068,
141.097

29, 45.520,
324.514

56, 22.321,
140.682

27, 51.497,
324.762

60, 29.365,
140.292

25, 56.332,
324.902

63, 36.200,
139.928

24, 59.793,
324.912

66, 42.831,
139.588

23, 62.475,
324.858

70, 49.266,

Harmonies

Complementary

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



40, 15.687, 322.888



44, 15.621, 140.913

Rectangle

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



40, 15.687, 322.888



40, 15.687, 12.888



40, 15.687, 142.888



40, 15.687, 192.888

Sweetspot

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



40, 15.686, 322.888



57, 5.783, 322.221



39, 12.157, 288.075



29, 3.811, 322.244



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, 15.686, 322.888



50, 23.347, 323.103



40, 12.203, 340.099



22, 4.457, 322.364



26, 66.493, 324.826



55, 113.612, 324.636

Inverse Universe

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



40, 9.650, 13.564



49, 14.548, 14.068



44, 12.031, 157.114



22, 2.665, 12.501



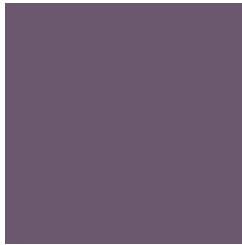
24, 55.610, 34.093



52, 98.325, 37.057

Previews

White Background



This preview shows how the CIELCh color 40, 15.687, 322.888 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, 15.687, 322.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

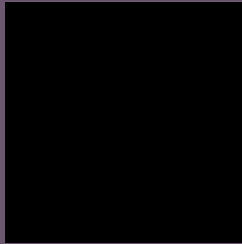
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 15.687, 322.888

Background



This preview shows how black text looks on a background with the CIELCh color 40, 15.687, 322.888.



This preview shows how white text looks on a background with the CIELCh color 40, 15.687, 322.888.

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, 15.687, 322.888

Protanopia

40, 12.244, 284.875

Deuteranopia

40, 10.601, 302.494



Tritanopia
40, 7.998, 348.418

Trichromacy



Original Color
40, 15.687, 322.888

Protanomaly
40, 12.340, 299.268

Deuteranomaly
40, 12.468, 312.483

Tritanomaly
40, 10.907, 334.460

Monochromacy



Original Color
40, 15.687, 322.888

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, 15.687, 322.888 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(108, 88, 110)` looks like.

```
.text, #text, p{  
    color:rgb(108, 88, 110)  
}
```

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(108, 88, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 88, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 15.687, 322.888 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(108, 88, 110) }
```

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

```
.border{ border-color:rgb(108, 88, 110) }
```

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

Here you see how a box with a 4 pixel rgb(108, 88, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 88, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 88, 110);  
box-shadow:4px 4px 4px 4px rgb(108, 88,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 15.687, 322.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 88, 110) }
```

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

```
.background{ background-color: rgb(108, 88,  
110) }
```

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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