

Converting Colors

CIELCh(42, 8.740, 331.769)

Have a look what the booklet for
CIELCh(42, 8.740, 331.769) contains.

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Color

CIELCh(42, 8.826, 331.777)

Conversions

Conversions Part 1

Format	Color
Hex	6D5F6A
RGB	109, 95, 106
RGB Percent	43%, 37%, 42%
CMY	0.5722, 0.6271, 0.5840
CMYK	0.00, 0.13, 0.03, 0.57
HSL	313°, 7%, 40%
HSV	313°, 13%, 43%
XYZ	13.0245, 12.5000, 15.3867
YIQ	100.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

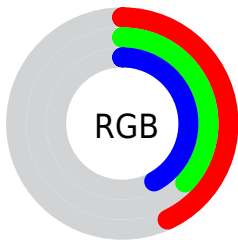
Format	Color
R_{YB}	109, 95, 106
Decimal	7167850
CIE _{Lab}	42.00, 7.78, -4.17
CIE _{LCh}	42, 8.826, 331.777
Yxy	12.5000, 0.3184, 0.3055
Android (android.graphics.Color)	4285357930 (0xFF6D5F6A)
YUV	100.4400, 2.7411, 7.5071
Hunter-Lab	35.3553, 3.8853, -1.0544

Details

The CIELCh color $42, 8.826, 331.777$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 8.793, 150.245$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 9.150, 332.943$, and $22, 8.657, 330.418$ is the 20% darker color. If you saturate the color by 10%, you get $39, 15.762, 332.411$, and if you desaturate by 10%, it is $45, 1.938, 331.098$.

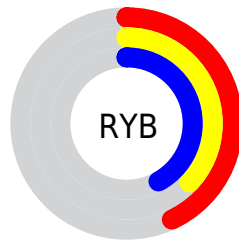
Distribution



Red (43%)

Green (37%)

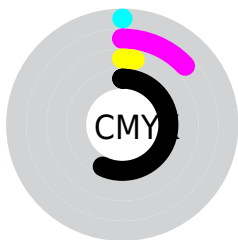
Blue (42%)



Red (43%)

Yellow (37%)

Blue (42%)

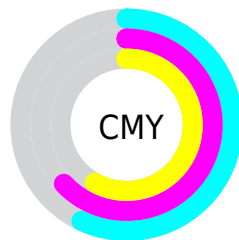


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (57%)



Cyan (57%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 8.826, 331.777 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 42, 8.826, 331.777 by changing the saturation by 10% instead.

■ 42, 8.826, 331.777

■ 42, 8.826, 331.777

■ 100, 8.826,
331.777

■ 32, 8.826, 331.777

■ 62, 8.826, 331.777

■ 22, 8.826, 331.777

■ 72, 8.826, 331.777

■ 12, 8.826, 331.777

■ 82, 8.826, 331.777

■ 2, 8.826, 331.777

■ 92, 8.826, 331.777

■ 0, 8.826, 331.777

■ 42, 8.826, 331.777

■ 42, 8.826, 331.777

■ 39, 15.762,
332.411

■ 45, 1.938, 331.098

■ 36, 22.648,

■ 48, 4.832, 150.669

333.062

52, 11.443,
150.097

33, 29.331,
333.736

55, 17.877,
149.568

31, 35.610,
334.435

58, 24.124,
149.070

28, 41.232,
335.168

62, 30.184,
148.598

27, 45.913,
335.947

65, 36.064,
148.152

25, 49.389,
336.794

68, 41.771,
147.731

24, 51.517,
337.738

72, 47.316,
147.334

23, 52.783,
338.422

Harmonies

Complementary

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



42, 8.826, 331.777



45, 8.793, 150.245

Rectangle

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



42, 8.826, 331.777



42, 8.826, 21.777



42, 8.826, 151.777



42, 8.826, 201.777

Sweetspot

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



42, 8.825, 331.778



58, 3.412, 331.205



41, 8.601, 298.874



29, 2.409, 331.250



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 8.825, 331.778



53, 12.881, 331.940



42, 6.430, 357.087



21, 3.796, 331.532



25, 55.512, 338.523



55, 94.678, 339.280

Inverse Universe

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



42, 8.825, 331.778



53, 12.881, 331.940



45, 6.211, 174.883



21, 3.796, 331.532



25, 55.512, 338.523



55, 94.678, 339.280

Previews

White Background



This preview shows how the CIELCh color 42, 8.826, 331.777 looks on a white background.

Color Contrast Check

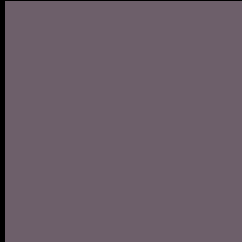
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 8.826, 331.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

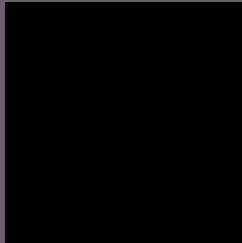
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 8.826, 331.777

Background



This preview shows how black text looks on a background with the CIELCh color 42, 8.826, 331.777.



This preview shows how white text looks on a background with the CIELCh color 42, 8.826, 331.777.

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


42, 8.826, 331.777

Protanopia

42, 5.446, 286.778

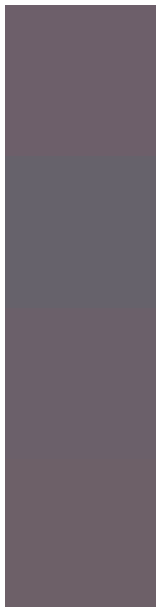
Deuteranopia

42, 7.338, 324.906



Tritanopia
42, 6.881, 342.513

Trichromacy



Original Color

42, 8.826, 331.777

Protanomaly

42, 5.700, 307.467

Deuteranomaly

42, 7.576, 327.530

Tritanomaly

42, 7.258, 338.733

Monochromacy



Original Color

42, 8.826, 331.777

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 3.195, 330.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 8.826, 331.777 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(109, 95, 106)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 106)  
}
```

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(109, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 8.826, 331.777 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(109, 95, 106) }
```

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

```
.border{ border-color:rgb(109, 95, 106) }
```

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

Here you see how a box with a 4 pixel rgb(109, 95, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 95, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 95, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 95,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 8.826, 331.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 95, 106) }
```

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

```
.background{ background-color: rgb(109, 95,  
106) }
```

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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