

Converting Colors

CIELCh(42, 7.844, 324.902)

Have a look what the booklet for
CIELCh(42, 7.844, 324.902) contains.

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Color

CIELCh(42, 8.062, 324.952)

Conversions

Conversions Part 1

Format	Color
Hex	6B606B
RGB	107, 96, 107
RGB Percent	42%, 38%, 42%
CMY	0.5812, 0.6243, 0.5812
CMYK	0.00, 0.10, 0.00, 0.58
HSL	300°, 5%, 40%
HSV	300°, 10%, 42%
XYZ	12.8469, 12.5000, 15.5896
YIQ	100.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

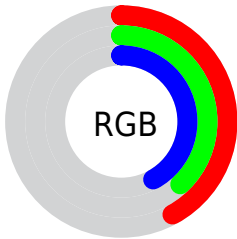
Format	Color
R_{YB}	107, 96, 107
Decimal	7037035
CIE Lab	42.00, 6.60, -4.63
CIE LCh	42, 8.062, 324.952
Yxy	12.5000, 0.3138, 0.3054
Android (android.graphics.Color)	4285227115 (0xFF6B606B)
YUV	100.5430, 3.1833, 5.6628
Hunter-Lab	35.3553, 2.9889, -1.3946

Details

The CIELCh color $42, 8.062, 324.952$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 8.049, 143.890$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 7.502, 324.786$, and $22, 8.105, 325.217$ is the 20% darker color. If you saturate the color by 10%, you get $39, 15.949, 325.477$, and if you desaturate by 10%, it is $45, 0.234, 323.759$.

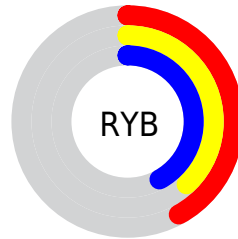
Distribution



Red (42%)

Green (38%)

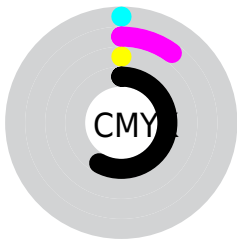
Blue (42%)



Red (42%)

Yellow (38%)

Blue (42%)

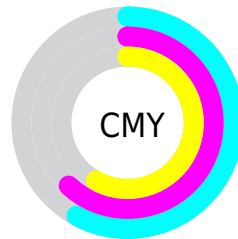


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 8.062, 324.952 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, 8.062, 324.952 by changing the saturation by 10% instead.

■ 42, 8.062, 324.952

■ 42, 8.062, 324.952

■ 100, 8.062,
324.952

■ 32, 8.062, 324.952

■ 62, 8.062, 324.952

■ 22, 8.062, 324.952

■ 72, 8.062, 324.952

■ 12, 8.062, 324.952

■ 82, 8.062, 324.952

■ 2, 8.062, 324.952

■ 92, 8.062, 324.952

■ 0, 8.062, 324.952

■ 42, 8.062, 324.952

■ 42, 8.062, 324.952

■ 39, 15.949,
325.477

■ 45, 0.234, 323.759

■ 36, 23.790,

■ 48, 7.458, 143.973

325.987

51, 14.970,
143.471

34, 31.428,
326.473

55, 22.277,
142.996

31, 38.663,
326.923

58, 29.366,
142.544

29, 45.246,
327.322

61, 36.237,
142.118

27, 50.906,
327.658

64, 42.892,
141.716

26, 55.393,
327.919

68, 49.339,
141.340

25, 58.534,
328.098

71, 55.589,
140.989

24, 60.914,
328.232

Harmonies

Complementary

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



42, 8.062, 324.952



44, 8.049, 143.890

Rectangle

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



42, 8.062, 324.952



42, 8.062, 14.952



42, 8.062, 144.952



42, 8.062, 194.952

Sweetspot

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



42, 8.061, 324.952



56, 2.884, 324.533



41, 6.565, 290.528



28, 2.170, 324.580



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



42, 8.061, 324.952



53, 11.588, 325.060



42, 5.745, 343.519



21, 4.407, 324.880



27, 65.115, 328.232



58, 112.048, 328.232

Inverse Universe

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



42, 4.678, 19.950



52, 6.768, 20.102



44, 5.676, 162.008



21, 2.547, 19.851



23, 56.952, 37.577



51, 101.391, 40.000

Previews

White Background



This preview shows how the CIELCh color 42, 8.062, 324.952 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, 8.062, 324.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

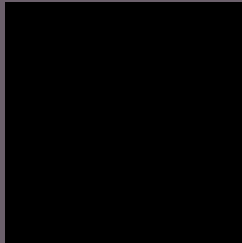
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 8.062, 324.952

Background



This preview shows how black text looks on a background with the CIELCh color 42, 8.062, 324.952.



This preview shows how white text looks on a background with the CIELCh color 42, 8.062, 324.952.

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

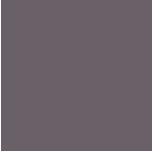
42, 8.062, 324.952

Protanopia

42, 6.052, 291.078

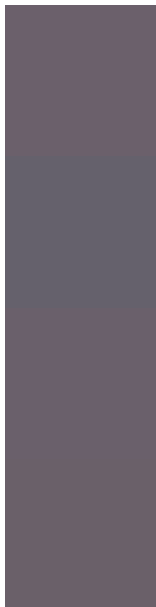
Deuteranopia

42, 7.636, 319.768



Tritanopia
42, 6.387, 331.049

Trichromacy



Original Color

42, 8.062, 324.952

Protanomaly

42, 6.877, 304.677

Deuteranomaly

42, 7.841, 322.425

Tritanomaly

42, 6.852, 327.758

Monochromacy



Original Color

42, 8.062, 324.952

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 2.947, 324.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 8.062, 324.952 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(107, 96, 107)` looks like.

```
.text, #text, p{  
    color:rgb(107, 96, 107)  
}
```

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(107, 96, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 96, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 8.062, 324.952 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(107, 96, 107) }
```

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

```
.border{ border-color:rgb(107, 96, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 96, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 96, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 96, 107);  
box-shadow:4px 4px 4px 4px rgb(107, 96,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 8.062, 324.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 96, 107) }
```

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

```
.background{ background-color: rgb(107, 96,  
107) }
```

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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