

Converting Colors

CIELCh(42, 2.614, 330.688)

Have a look what the booklet for
CIELCh(42, 2.614, 330.688) contains.

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Color

CIELCh(42, 2.473, 332.496)

Conversions

Conversions Part 1

Format	Color
Hex	666265
RGB	102, 98, 101
RGB Percent	40%, 38%, 40%
CMY	0.6000, 0.6157, 0.6039
CMYK	0.00, 0.04, 0.01, 0.60
HSL	315°, 2%, 39%
HSV	315°, 4%, 40%
XYZ	12.1964, 12.5000, 14.0820
YIQ	99.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

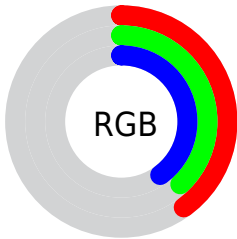
Format	Color
R _Y B	102, 98, 101
Decimal	6709861
CIE Lab	42.00, 2.19, -1.14
CIE LCh	42, 2.473, 332.496
Yxy	12.5000, 0.3145, 0.3223
Android (android.graphics.Color)	4284899941 (0xFF666265)
YUV	99.5380, 0.7208, 2.1592
Hunter-Lab	35.3553, -0.2956, 1.1335

Details

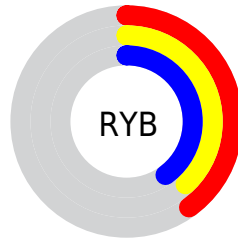
The CIELCh color **42, 2.473, 332.496** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 2.460, 152.186**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 2.299, 332.388**, and **22, 1.939, 335.915** is the 20% darker color. If you saturate the color by 10%, you get **39, 8.834, 333.176**, and if you desaturate by 10%, it is **45, 3.784, 152.043**.

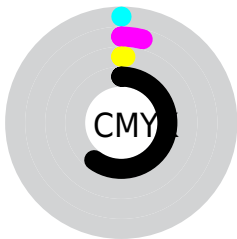
Distribution



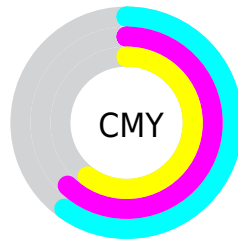
- Red (40%)
- Green (38%)
- Blue (40%)



- Red (40%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 2.473, 332.496 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, 2.473, 332.496 by changing the saturation by 10% instead.

■ 42, 2.473, 332.496

■ 42, 2.473, 332.496

■ 100, 2.473,
332.496

■ 32, 2.473, 332.496

■ 62, 2.473, 332.496

■ 22, 2.473, 332.496

■ 72, 2.473, 332.496

■ 12, 2.473, 332.496

■ 82, 2.473, 332.496

■ 2, 2.473, 332.496

■ 92, 2.473, 332.496

■ 0, 2.473, 332.496

■ 42, 2.473, 332.496

■ 42, 2.473, 332.496

■ 39, 8.834, 333.176

■ 45, 3.784, 152.043

■ 36, 15.239,
333.834

■ 48, 9.895, 151.450

■ 33, 21.592,
334.517

■ 51, 15.842,
150.910

■ 31, 27.752,
335.233

■ 54, 21.618,
150.402

■ 28, 33.529,
335.991

■ 58, 27.222,
149.922

■ 26, 38.686,
336.802

■ 61, 32.659,
149.468

■ 24, 42.960,
337.686

■ 64, 37.938,
149.040

■ 23, 46.105,
338.676

■ 67, 43.067,
148.636

■ 22, 48.064,
339.794

■ 70, 48.056,
148.254

Harmonies

Complementary

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



42, 2.473, 332.496



43, 2.460, 152.186

Rectangle

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



42, 2.473, 332.496



42, 2.473, 22.496



42, 2.473, 152.496



42, 2.473, 202.496

Sweetspot

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



42, 2.472, 332.500



55, 0.785, 332.102



42, 2.463, 300.131



28, 0.443, 332.068



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



42, 2.472, 332.500



53, 3.914, 332.593



42, 1.782, 359.686



20, 2.126, 332.608



25, 53.326, 340.680



54, 91.536, 341.655

Inverse Universe

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



42, 2.472, 332.500



53, 3.914, 332.593



43, 1.756, 179.359



20, 2.126, 332.608



25, 53.326, 340.680



54, 91.536, 341.655

Previews

White Background



This preview shows how the CIELCh color 42, 2.473, 332.496 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, 2.473, 332.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

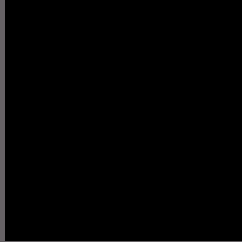
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

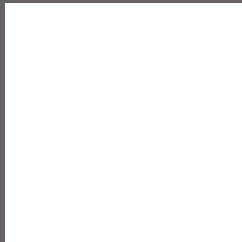
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 2.473, 332.496

Background



This preview shows how black text looks on a background with the CIELCh color 42, 2.473, 332.496.

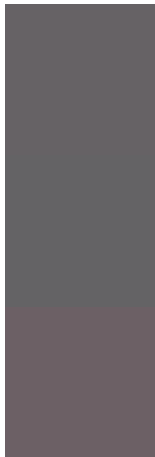


This preview shows how white text looks on a background with the CIELCh color 42, 2.473, 332.496.

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, 2.473, 332.496

Protanopia

42, 1.286, 309.093

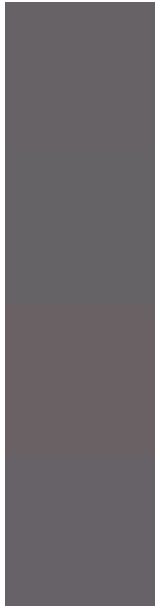
Deuteranopia

42, 5.872, 349.299



Tritanopia
42, 5.455, 317.576

Trichromacy



Original Color

42, 2.473, 332.496

Protanomaly

42, 1.476, 324.437

Deuteranomaly

42, 4.480, 347.395

Tritanomaly

42, 4.926, 320.756

Monochromacy



Original Color

42, 2.473, 332.496

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 1.036, 343.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 2.473, 332.496 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(102, 98, 101)` looks like.

```
.text, #text, p{  
    color:rgb(102, 98, 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(102, 98, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 98, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 2.473, 332.496 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(102, 98, 101) }
```

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

```
.border{ border-color:rgb(102, 98, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 98, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 98, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 98, 101);  
box-shadow:4px 4px 4px 4px rgb(102, 98,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 2.473, 332.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 98, 101) }
```

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

```
.background{ background-color: rgb(102, 98,  
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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