

Converting Colors

CIELCh(42, 4.247, 44.892)

Have a look what the booklet for
CIELCh(42, 4.247, 44.892) contains.

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Color

CIELCh(42, 4.248, 44.893)

Conversions

Conversions Part 1

Format	Color
Hex	6A615E
RGB	106, 97, 94
RGB Percent	42%, 38%, 37%
CMY	0.5831, 0.6184, 0.6302
CMYK	0.00, 0.08, 0.11, 0.58
HSL	15°, 6%, 39%
HSV	15°, 11%, 42%
XYZ	12.3151, 12.5000, 12.4225
YIQ	99.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

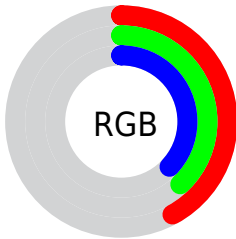
Format	Color
R_{YB}	106, 98, 94
Decimal	6971742
CIE _{Lab}	42.00, 3.01, 3.00
CIE _{LCh}	42, 4.248, 44.893
Yxy	12.5000, 0.3307, 0.3357
Android (android.graphics.Color)	4285161822 (0xFF6A615E)
YUV	99.3490, -2.6371, 5.8329
Hunter-Lab	35.3553, 0.3040, 3.9165

Details

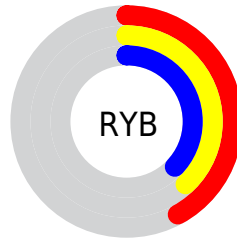
The CIELCh color $42, 4.248, 44.893$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 3.988, 226.088$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 4.184, 51.858$, and $22, 4.360, 47.326$ is the 20% darker color. If you saturate the color by 10%, you get $39, 8.317, 44.627$, and if you desaturate by 10%, it is $45, 0.468, 44.674$.

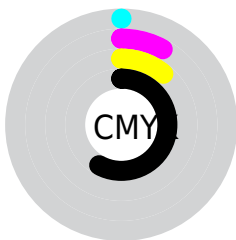
Distribution



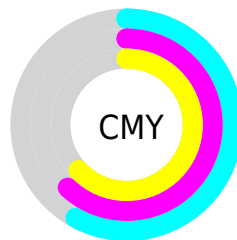
- Red (42%)
- Green (38%)
- Blue (37%)



- Red (42%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (58%)




- Cyan (58%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 4.248, 44.893 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, 4.248, 44.893 by changing the saturation by 10% instead.

 42, 4.248, 44.893	 42, 4.248, 44.893
 100, 4.248, 44.893	 32, 4.248, 44.893
 62, 4.248, 44.893	 22, 4.248, 44.893
 72, 4.248, 44.893	 12, 4.248, 44.893
 82, 4.248, 44.893	 2, 4.248, 44.893
 92, 4.248, 44.893	 0, 4.248, 44.893

 42, 4.248, 44.893	 42, 4.248, 44.893
 39, 8.317, 44.627	 45, 0.468, 44.674
 37, 12.701, 44.407	 47, 3.051, 225.939
 34, 17.418, 44.297	 50, 6.335, 226.364

■ 32, 22.474, 44.322

■ 53, 9.412, 226.851

■ 30, 27.848, 44.500

■ 55, 12.305,
227.360

■ 28, 33.475, 44.823

■ 58, 15.037,
227.879

■ 26, 39.199, 45.222

■ 24, 44.462, 45.222

■ 61, 17.627,
228.399

■ 23, 48.310, 44.912

■ 63, 20.091,
228.916

■ 66, 22.445,
229.425

Harmonies

Complementary

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



42, 4.248, 44.893



43, 3.988, 226.088

Rectangle

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



42, 4.248, 44.893



42, 4.248, 94.893



42, 4.248, 224.893



42, 4.248, 274.893

Sweetspot

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



42, 4.248, 44.913



56, 1.352, 45.014



41, 7.405, 333.005



28, 1.020, 45.041



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, 4.248, 44.913



53, 6.587, 44.822



44, 5.521, 95.957



21, 2.108, 44.978



26, 52.747, 45.325



55, 94.640, 44.753

Inverse Universe

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



43, 3.988, 226.088



55, 6.070, 226.261



41, 5.566, 278.583



21, 2.007, 225.977



35, 25.518, 244.246



70, 44.589, 247.189

Previews

White Background



This preview shows how the CIELCh color 42, 4.248, 44.893 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, 4.248, 44.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

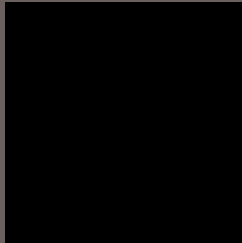
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 4.248, 44.893

Background



This preview shows how black text looks on a background with the CIELCh color 42, 4.248, 44.893.



This preview shows how white text looks on a background with the CIELCh color 42, 4.248, 44.893.

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, 4.248, 44.893

Protanopia

42, 2.711, 81.860

Deuteranopia

42, 6.032, 25.831



Tritanopia
42, 6.557, 340.193

Trichromacy



Original Color
42, 4.248, 44.893

Protanomaly
42, 3.115, 54.960

Deuteranomaly
42, 5.598, 26.219

Tritanomaly
42, 5.219, 352.551

Monochromacy



Original Color
42, 4.248, 44.893

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 1.386, 45.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 4.248, 44.893 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, 97, 94)` looks like.

```
.text, #text, p{  
    color:rgb(106, 97, 94)  
}
```

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, 97, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 97, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 4.248, 44.893 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, 97, 94) }
```

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

```
.border{ border-color:rgb(106, 97, 94) }
```

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

Here you see how a box with a 4 pixel rgb(106, 97, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 97, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 97, 94);  
box-shadow:4px 4px 4px 4px rgb(106, 97,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 4.248, 44.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 97, 94) }
```

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

```
.background{ background-color: rgb(106, 97,  
94) }
```

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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