

Converting Colors

CIELCh(42, 4.519, 198.945)

Have a look what the booklet for
CIELCh(42, 4.519, 198.945) contains.

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Color

CIELCh(42, 4.440, 198.927)

Conversions

Conversions Part 1

Format	Color
Hex	5A6565
RGB	90, 101, 101
RGB Percent	35%, 40%, 40%
CMY	0.6459, 0.6027, 0.6027
CMYK	0.11, 0.00, 0.00, 0.60
HSL	180°, 6%, 38%
HSV	180°, 11%, 40%
XYZ	11.2921, 12.5000, 14.2069
YIQ	97.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

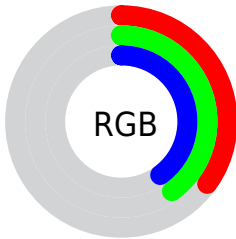
Format	Color
R_{YB}	90, 96, 101
Decimal	5924197
CIE Lab	42.00, -4.20, -1.44
CIE LCh	42, 4.440, 198.927
Yxy	12.5000, 0.2972, 0.3290
Android (android.graphics.Color)	4284114277 (0xFF5A6565)
YUV	97.7110, 1.6215, -6.7625
Hunter-Lab	35.3553, -4.8610, 0.9241

Details

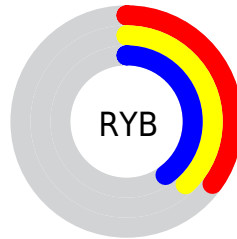
The CIELCh color **42, 4.440, 198.927** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 4.735, 19.975**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 4.530, 199.083**, and **22, 4.417, 198.620** is the 20% darker color. If you saturate the color by 10%, you get **41, 8.301, 198.405**, and if you desaturate by 10%, it is **43, 0.360, 200.281**.

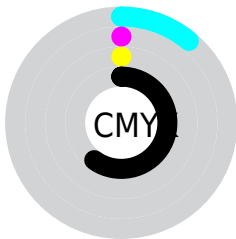
Distribution



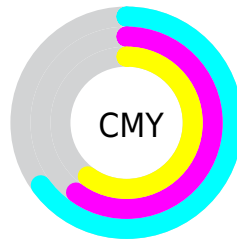
- Red (35%)
- Green (40%)
- Blue (40%)



- Red (35%)
- Yellow (38%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 4.440, 198.927 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, 4.440, 198.927 by changing the saturation by 10% instead.

■ 42, 4.440, 198.927

■ 42, 4.440, 198.927

■ 100, 4.440,
198.927

■ 32, 4.440, 198.927

■ 62, 4.440, 198.927

■ 22, 4.440, 198.927

■ 72, 4.440, 198.927

■ 12, 4.440, 198.927

■ 82, 4.440, 198.927

■ 2, 4.440, 198.927

■ 92, 4.440, 198.927

■ 0, 4.440, 198.927

■ 42, 4.440, 198.927

■ 42, 4.440, 198.927

■ 41, 8.301, 198.405

■ 43, 0.360, 200.281

■ 41, 11.884,
197.960

■ 44, 3.886, 19.796

40, 15.129,
197.567

45, 8.252, 20.399

40, 17.981,
197.228

46, 12.696, 20.986

47, 17.186, 21.575

39, 20.391,
196.946

48, 21.694, 22.166

39, 22.326,
196.722

49, 26.200, 22.756

51, 30.687, 23.342

39, 23.771,
196.556

52, 35.144, 23.921

39, 24.740,
196.444

38, 25.453,
196.362

Harmonies

Complementary

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



42, 4.440, 198.927



39, 4.735, 19.975

Rectangle

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



42, 4.440, 198.927



42, 4.440, 248.927



42, 4.440, 18.927



42, 4.440, 68.927

Sweetspot

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



42, 4.441, 198.914



55, 1.556, 199.493



42, 8.091, 143.429



28, 1.169, 199.412



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, 4.441, 198.914



54, 6.588, 198.777



40, 3.926, 254.961



21, 2.318, 199.026



43, 27.800, 196.362



87, 48.212, 196.361

Inverse Universe

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



39, 4.735, 19.975



50, 7.135, 20.165



41, 4.033, 72.320



19, 2.443, 19.831



22, 55.892, 37.344



51, 100.585, 39.995

Previews

White Background



This preview shows how the CIELCh color 42, 4.440, 198.927 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, 4.440, 198.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

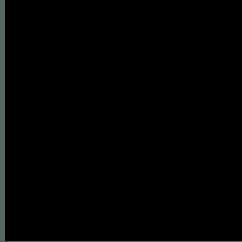
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

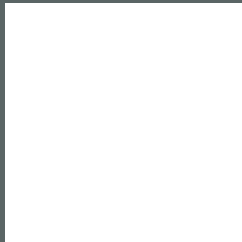
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 4.440, 198.927

Background



This preview shows how black text looks on a background with the CIELCh color 42, 4.440, 198.927.



This preview shows how white text looks on a background with the CIELCh color 42, 4.440, 198.927.

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

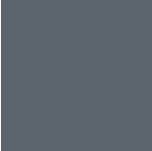
42, 4.440, 198.927

Protanopia

42, 1.479, 324.439

Deuteranopia

42, 5.860, 342.014



Tritanopia
42, 5.707, 257.349

Trichromacy



Original Color
42, 4.440, 198.927

Protanomaly
42, 1.365, 225.827

Deuteranomaly
42, 2.733, 317.406

Tritanomaly
42, 5.026, 245.490

Monochromacy



Original Color
42, 4.440, 198.927

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 1.645, 199.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 4.440, 198.927 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(90, 101, 101)` looks like.

```
.text, #text, p{  
    color:rgb(90, 101, 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(90, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 101, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 4.440, 198.927 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(90, 101, 101) }
```

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

```
.border{ border-color:rgb(90, 101, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 101, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(90, 101,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 4.440, 198.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 101, 101) }
```

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

```
.background{ background-color: rgb(90, 101,  
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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