

Converting Colors

CIELCh(42, 9.615, 216.073)

Have a look what the booklet for
CIELCh(42, 9.615, 216.073) contains.

CIELCh(42, 9.518, 217.033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(42, 9.518, 217.033)

Conversions

Conversions Part 1

Format	Color
Hex	4F676C
RGB	79, 103, 108
RGB Percent	31%, 40%, 42%
CMY	0.6894, 0.5953, 0.5756
CMYK	0.27, 0.05, 0.00, 0.58
HSL	190°, 15%, 37%
HSV	190°, 27%, 42%
XYZ	10.8302, 12.5000, 16.0877
YIQ	96.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

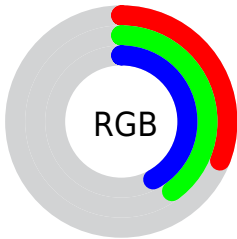
Format	Color
R_{YB}	79, 92, 108
Decimal	5203820
CIE Lab	42.00, -7.60, -5.73
CIE LCh	42, 9.518, 217.033
Yxy	12.5000, 0.2748, 0.3171
Android (android.graphics.Color)	4283393900 (0xFF4F676C)
YUV	96.3940, 5.7218, -15.2545
Hunter-Lab	35.3553, -7.1930, -2.2300

Details

The CIELCh color **42, 9.518, 217.033** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 11.328, 36.377**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 9.425, 216.074**, and **22, 9.528, 218.753** is the 20% darker color. If you saturate the color by 10%, you get **41, 12.605, 217.547**, and if you desaturate by 10%, it is **43, 6.151, 216.690**.

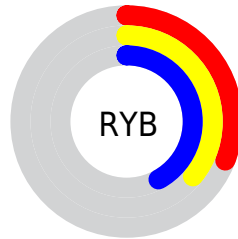
Distribution



Red (31%)

Green (40%)

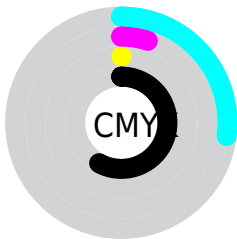
Blue (42%)



Red (31%)

Yellow (36%)

Blue (42%)

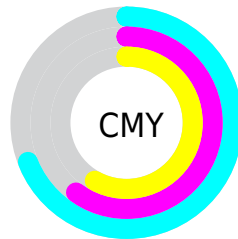


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (58%)



Cyan (69%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 9.518, 217.033 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, 9.518, 217.033 by changing the saturation by 10% instead.

■ 42, 9.518, 217.033

■ 42, 9.518, 217.033

■ 100, 9.518,
217.033

■ 32, 9.518, 217.033

■ 62, 9.518, 217.033

■ 22, 9.518, 217.033

■ 72, 9.518, 217.033

■ 12, 9.518, 217.033

■ 82, 9.518, 217.033

■ 2, 9.518, 217.033

■ 92, 9.518, 217.033

■ 0, 9.518, 217.033

■ 42, 9.518, 217.033

■ 42, 9.518, 217.033

■ 41, 12.605,
217.547

■ 43, 6.151, 216.690

■ 40, 15.358,

■ 45, 2.555, 216.547

218.282

46, 1.223, 36.008

38, 17.728,
219.281

48, 5.141, 36.196

37, 19.672,
220.598

49, 9.164, 36.259

37, 21.167,
222.296

51, 13.263, 36.354

36, 22.214,
224.439

53, 17.413, 36.482

54, 21.595, 36.634

35, 22.931,
226.953

56, 25.794, 36.806

35, 23.163,
227.739

Harmonies

Complementary

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



42, 9.518, 217.033



38, 11.328, 36.377

Rectangle

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



42, 9.518, 217.033



42, 9.518, 267.033



42, 9.518, 37.033



42, 9.518, 87.033

Sweetspot

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



42, 9.518, 217.027



57, 3.703, 216.549



43, 18.947, 147.577



29, 2.644, 216.557



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, 9.518, 217.027



53, 13.763, 217.318



38, 12.348, 274.888



22, 2.081, 216.553



38, 24.532, 228.060



76, 42.256, 230.191

Inverse Universe

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



37, 18.931, 331.145



46, 27.920, 331.518



42, 12.419, 87.890



21, 3.911, 330.064



26, 57.219, 336.137



56, 97.734, 336.697

Previews

White Background



This preview shows how the CIELCh color 42, 9.518, 217.033 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, 9.518, 217.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

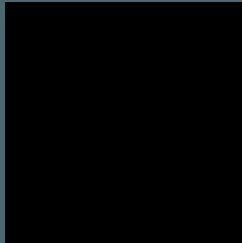
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

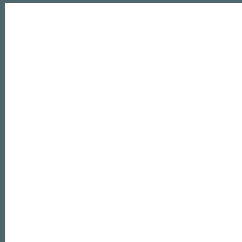
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 9.518, 217.033

Background



This preview shows how black text looks on a background with the CIELCh color 42, 9.518, 217.033.



This preview shows how white text looks on a background with the CIELCh color 42, 9.518, 217.033.

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, 9.518, 217.033

Protanopia

42, 4.263, 296.267

Deuteranopia

42, 8.972, 309.605



Tritanopia
42, 9.767, 228.357

Trichromacy



Original Color
42, 9.518, 217.033

Protanomaly
42, 4.767, 248.881

Deuteranomaly
42, 6.318, 272.893

Tritanomaly
42, 9.540, 224.970

Monochromacy



Original Color
42, 9.518, 217.033

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 3.432, 219.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 9.518, 217.033 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(79, 103, 108)` looks like.

```
.text, #text, p{  
    color:rgb(79, 103, 108)  
}
```

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(79, 103, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 103, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 9.518, 217.033 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(79, 103, 108) }
```

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

```
.border{ border-color:rgb(79, 103, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 103, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 103, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 103, 108);  
box-shadow:4px 4px 4px 4px rgb(79, 103,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 9.518, 217.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 103, 108) }
```

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

```
.background{ background-color: rgb(79, 103,  
108) }
```

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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