

Converting Colors

CIELCh(42, 9.347, 271.773)

Have a look what the booklet for
CIELCh(42, 9.347, 271.773) contains.

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Color

CIELCh(42, 9.043, 268.989)

Conversions

Conversions Part 1

Format	Color
Hex	5B6472
RGB	91, 100, 114
RGB Percent	36%, 39%, 45%
CMY	0.6439, 0.6086, 0.5537
CMYK	0.20, 0.12, 0.00, 0.55
HSL	217°, 11%, 40%
HSV	217°, 20%, 45%
XYZ	11.8581, 12.5000, 17.6460
YIQ	98.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

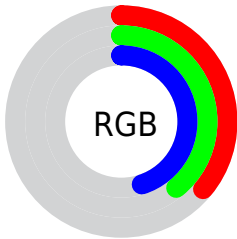
Format	Color
R _Y B	91, 97, 114
Decimal	5989490
CIE Lab	42.00, -0.16, -9.04
CIE LCh	42, 9.043, 268.989
Yxy	12.5000, 0.2823, 0.2976
Android (android.graphics.Color)	4284179570 (0xFF5B6472)
YUV	98.9050, 7.4418, -6.9327
Hunter-Lab	35.3553, -2.0031, -4.8432

Details

The CIELCh color **42, 9.043, 268.989** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 9.209, 83.718**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 9.082, 267.510**, and **22, 9.210, 271.472** is the 20% darker color. If you saturate the color by 10%, you get **39, 13.563, 270.690**, and if you desaturate by 10%, it is **45, 4.552, 267.532**.

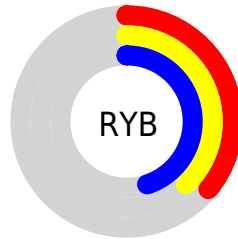
Distribution



 Red (36%)

 Green (39%)

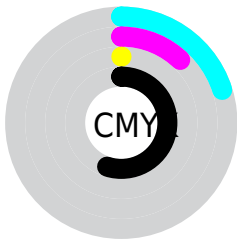
 Blue (45%)



 Red (36%)

 Yellow (38%)

 Blue (45%)

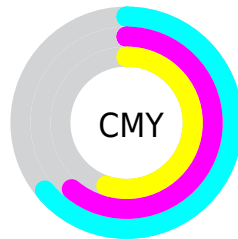


 Cyan (20%)

 Magenta (12%)

 Yellow (0%)

 Black (55%)



 Cyan (64%)

 Magenta (61%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 9.043, 268.989 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, 9.043, 268.989 by changing the saturation by 10% instead.

■ 42, 9.043, 268.989

■ 42, 9.043, 268.989

■ 100, 9.043,
268.989

■ 32, 9.043, 268.989

■ 62, 9.043, 268.989

■ 22, 9.043, 268.989

■ 72, 9.043, 268.989

■ 12, 9.043, 268.989

■ 82, 9.043, 268.989

■ 2, 9.043, 268.989

■ 92, 9.043, 268.989

■ 0, 9.043, 268.989

■ 42, 9.043, 268.989

■ 42, 9.043, 268.989

■ 39, 13.563,
270.690

■ 45, 4.552, 267.532

■ 36, 18.115,

■ 48, 0.097, 268.153

272.682

51, 4.319, 85.075

33, 22.701,
275.000

54, 8.691, 84.136

30, 27.335,
277.676

57, 13.016, 83.299

60, 17.288, 82.558

28, 32.038,
280.724

63, 21.506, 81.897

25, 36.839,
284.119

65, 25.668, 81.306

68, 29.771, 80.774

23, 41.759,
287.777

20, 46.719,
291.185

Harmonies

Complementary

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



42, 9.043, 268.989



45, 9.209, 83.718

Rectangle

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



42, 9.043, 268.989



42, 9.043, 318.989



42, 9.043, 88.989



42, 9.043, 138.989

Sweetspot

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



42, 9.042, 268.984



59, 3.315, 267.022



46, 10.763, 167.655



30, 2.185, 267.076



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



42, 9.042, 268.984



53, 13.334, 269.705



40, 14.118, 295.891



22, 2.479, 267.372



21, 48.771, 291.426



46, 88.404, 293.752

Inverse Universe

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



41, 11.122, 351.781



51, 16.462, 352.258



47, 13.516, 112.546



22, 3.011, 350.662



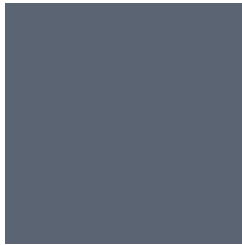
24, 48.423, 10.329



53, 83.214, 13.572

Previews

White Background



This preview shows how the CIELCh color 42, 9.043, 268.989 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, 9.043, 268.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

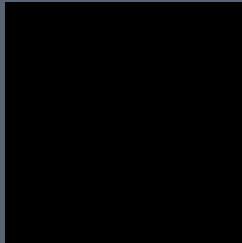
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

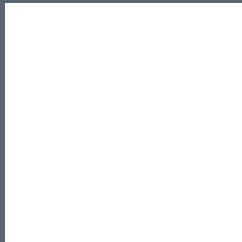
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 9.043, 268.989

Background



This preview shows how black text looks on a background with the CIELCh color 42, 9.043, 268.989.



This preview shows how white text looks on a background with the CIELCh color 42, 9.043, 268.989.

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

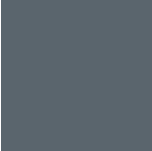
42, 9.043, 268.989

Protanopia

42, 9.076, 289.051

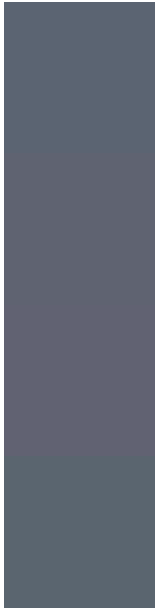
Deuteranopia

42, 10.436, 300.324



Tritanopia
42, 6.378, 248.519

Trichromacy



Original Color

42, 9.043, 268.989

Protanomaly

42, 8.567, 280.968

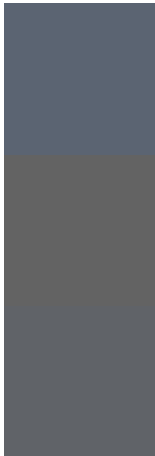
Deuteranomaly

42, 9.679, 289.301

Tritanomaly

42, 7.290, 255.286

Monochromacy



Original Color

42, 9.043, 268.989

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 3.238, 268.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 9.043, 268.989 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(91, 100, 114)` looks like.

```
.text, #text, p{  
    color:rgb(91, 100, 114)  
}
```

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(91, 100, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 100, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 9.043, 268.989 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(91, 100, 114) }
```

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

```
.border{ border-color:rgb(91, 100, 114) }
```

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

Here you see how a box with a 4 pixel rgb(91, 100, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 100, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 100, 114);  
box-shadow:4px 4px 4px 4px rgb(91, 100,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 9.043, 268.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 100, 114) }
```

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

```
.background{ background-color: rgb(91, 100,  
114) }
```

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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