

Converting Colors

CIELCh(42, 11.967, 278.849)

Have a look what the booklet for
CIELCh(42, 11.967, 278.849)
contains.

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Color

CIELCh(42, 11.712, 278.820)

Conversions

Conversions Part 1

Format	Color
Hex	5C6376
RGB	92, 99, 118
RGB Percent	36%, 39%, 46%
CMY	0.6393, 0.6119, 0.5374
CMYK	0.22, 0.16, 0.00, 0.54
HSL	224°, 12%, 41%
HSV	224°, 22%, 46%
XYZ	12.1387, 12.5000, 18.9040
YIQ	99.0730, -10.2710, 4.4250

Conversions

Conversions Part 2

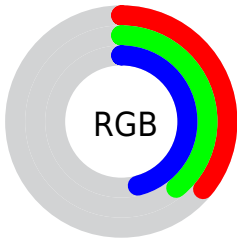
Format	Color
R_{YB}	92, 98, 118
Decimal	6054774
CIE _{Lab}	42.00, 1.80, -11.57
CIE _{LCh}	42, 11.712, 278.820
Yxy	12.5000, 0.2788, 0.2871
Android (android.graphics.Color)	4284244854 (0xFF5C6376)
YUV	99.0730, 9.3310, -6.2030
Hunter-Lab	35.3553, -0.5864, -6.9528

Details

The CIELCh color **42, 11.712, 278.820** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47, 11.593, 93.347**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 11.443, 278.669**, and **22, 11.723, 277.113** is the 20% darker color. If you saturate the color by 10%, you get **39, 17.218, 280.470**, and if you desaturate by 10%, it is **45, 6.329, 277.399**.

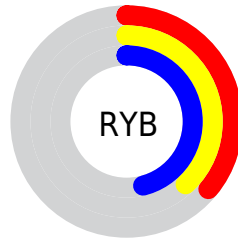
Distribution



Red (36%)

Green (39%)

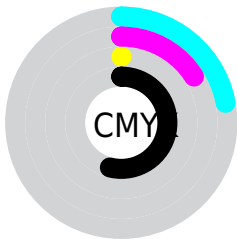
Blue (46%)



Red (36%)

Yellow (38%)

Blue (46%)

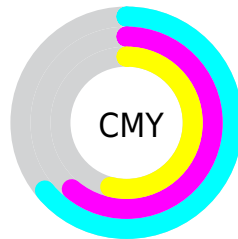


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (54%)



Cyan (64%)

Magenta (61%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 11.712, 278.820 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, 11.712, 278.820 by changing the saturation by 10% instead.

■ 42, 11.712,
278.820

■ 42, 11.712,
278.820

■ 100, 11.712,
278.820

■ 32, 11.712,
278.820

■ 62, 11.712,
278.820

■ 22, 11.712,
278.820

■ 72, 11.712,
278.820

■ 12, 11.712,
278.820

■ 82, 11.712,
278.820

■ 2, 11.712, 278.820

■ 92, 11.712,
278.820

■ 0, 11.712, 278.820

■ 42, 11.712,

■ 42, 11.712,

278.820

278.820

■ 39, 17.218,
280.470

■ 45, 6.329, 277.399

■ 35, 22.861,
282.389

■ 49, 1.065, 276.270

■ 32, 28.656,
284.605

■ 52, 4.088, 95.039

■ 28, 34.622,
287.136

■ 56, 9.132, 94.122

■ 25, 40.769,
289.969

■ 59, 14.071, 93.307

■ 22, 47.077,
293.040

■ 63, 18.907, 92.586

■ 19, 53.448,
296.215

■ 66, 23.642, 91.944

■ 17, 58.465,
298.485

■ 69, 28.280, 91.371

■ 73, 32.822, 90.856

Harmonies

Complementary

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



42, 11.712, 278.820



47, 11.593, 93.347

Rectangle

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



42, 11.712, 278.820



42, 11.712, 328.820



42, 11.712, 98.820



42, 11.712, 148.820

Sweetspot

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



42, 11.711, 278.817



60, 4.533, 276.791



47, 11.147, 175.147



31, 2.929, 276.837



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



42, 11.711, 278.817



52, 17.183, 279.548



40, 16.040, 300.214



23, 2.937, 277.016



18, 60.266, 298.617



39, 107.840, 300.376

Inverse Universe

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



42, 11.825, 0.282



52, 17.404, 0.841



48, 15.341, 117.242



23, 2.928, 358.871



25, 51.068, 21.595



53, 88.415, 25.002

Previews

White Background



This preview shows how the CIELCh color 42, 11.712, 278.820 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 CIELCh color 42, 11.712, 278.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

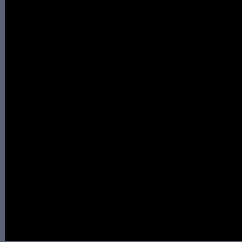
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

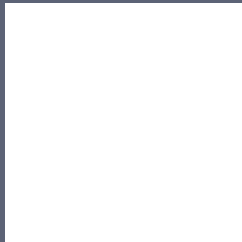
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 11.712, 278.820

Background



This preview shows how black text looks on a background with the CIELCh color 42, 11.712, 278.820.

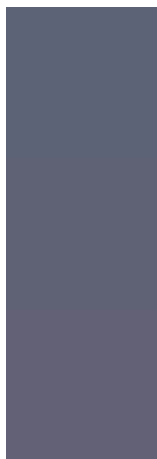


This preview shows how white text looks on a background with the CIELCh color 42, 11.712, 278.820.

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

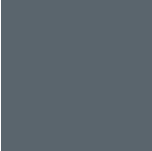
42, 11.712, 278.820

Protanopia

42, 11.524, 286.161

Deuteranopia

42, 12.751, 295.484



Tritanopia
42, 6.378, 248.519

Trichromacy



Original Color
42, 11.712, 278.820

Protanomaly
42, 11.560, 284.295

Deuteranomaly
42, 12.102, 288.337

Tritanomaly
42, 7.956, 265.306

Monochromacy



Original Color
42, 11.712, 278.820

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.378, 274.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 11.712, 278.820 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(92, 99, 118)` looks like.

```
.text, #text, p{  
    color:rgb(92, 99, 118)  
}
```

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(92, 99, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 99, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 11.712, 278.820 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(92, 99, 118) }
```

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

```
.border{ border-color:rgb(92, 99, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 99, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 99, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 99, 118);  
box-shadow:4px 4px 4px 4px rgb(92, 99,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 11.712, 278.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 99, 118) }
```

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

```
.background{ background-color: rgb(92, 99,  
118) }
```

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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