

Converting Colors

CIELCh(42, 18.177, 221.425)

Have a look what the booklet for
CIELCh(42, 18.177, 221.425)
contains.

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Color

CIELCh(42, 18.033, 221.615)

Conversions

Conversions Part 1

Format	Color
Hex	376A76
RGB	55, 106, 118
RGB Percent	22%, 42%, 46%
CMY	0.7832, 0.5832, 0.5362
CMYK	0.53, 0.10, 0.00, 0.54
HSL	191°, 36%, 34%
HSV	191°, 53%, 46%
XYZ	10.0605, 12.5000, 19.1094
YIQ	92.1190, -34.2480, -7.0800

Conversions

Conversions Part 2

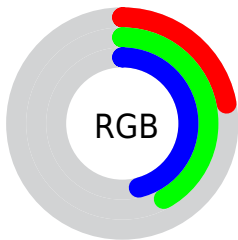
Format	Color
RYB	55, 83, 118
Decimal	3631734
CIELab	42.00, -13.48, -11.98
CIELCh	42, 18.033, 221.615
Yxy	12.5000, 0.2414, 0.3000
Android (android.graphics.Color)	4281821814 (0xFF376A76)
YUV	92.1190, 12.7593, -32.5534
Hunter-Lab	35.3553, -11.0787, -7.2972

Details

The CIELCh color **42, 18.033, 221.615** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 26.575, 39.090**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 17.956, 222.274**, and **22, 17.217, 222.694** is the 20% darker color. If you saturate the color by 10%, you get **41, 20.274, 223.023**, and if you desaturate by 10%, it is **43, 15.355, 220.539**.

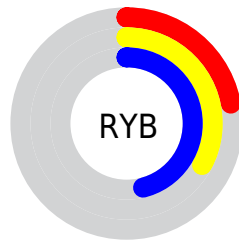
Distribution



Red (22%)

Green (42%)

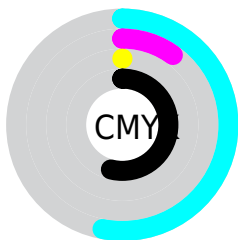
Blue (46%)



Red (22%)

Yellow (33%)

Blue (46%)

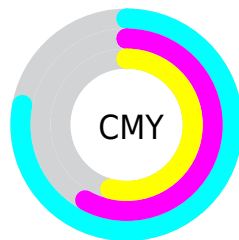


Cyan (53%)

Magenta (10%)

Yellow (0%)

Black (54%)



Cyan (78%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 18.033, 221.615 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, 18.033, 221.615 by changing the saturation by 10% instead.

■ 42, 18.033,
221.615

■ 42, 18.033,
221.615

■ 100, 18.033,
221.615

■ 32, 18.033,
221.615

■ 62, 18.033,
221.615

■ 22, 18.033,
221.615

■ 72, 18.033,
221.615

■ 12, 18.033,
221.615

■ 82, 18.033,
221.615

■ 2, 18.033, 221.615

■ 92, 18.033,
221.615

■ 0, 18.033, 221.615

■ 42, 18.033,

■ 42, 18.033,

221.615

■ 41, 20.274,
223.023

■ 40, 22.049,
224.838

■ 39, 23.352,
227.128

■ 38, 24.222,
229.945

■ 37, 24.745,
231.914

221.615

■ 43, 15.355,
220.539

■ 45, 12.289,
219.741

■ 46, 8.889, 219.168

■ 48, 5.212, 218.789

■ 49, 1.311, 218.731

■ 51, 2.766, 38.154

■ 53, 6.978, 38.160

■ 54, 11.290, 38.171

■ 56, 15.672, 38.222

Harmonies

Complementary

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



42, 18.033, 221.615



34, 26.575, 39.090

Rectangle

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



42, 18.033, 221.615



42, 18.033, 271.615



42, 18.033, 41.615



42, 18.033, 91.615

Sweetspot

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



42, 18.033, 221.613



60, 7.704, 218.888



45, 39.242, 145.417



30, 5.148, 218.944



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, 18.033, 221.613



52, 24.977, 223.406



32, 27.595, 281.703



24, 2.221, 218.692



38, 25.364, 232.058



76, 43.154, 234.285

Inverse Universe

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



33, 38.902, 333.542



40, 55.638, 334.398



43, 27.387, 85.753



23, 4.168, 330.699



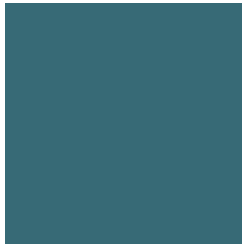
27, 58.178, 337.195



57, 97.885, 337.801

Previews

White Background



This preview shows how the CIE LCh color 42, 18.033, 221.615 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, 18.033, 221.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

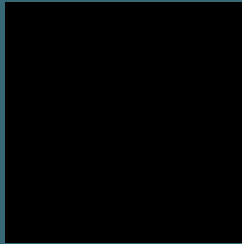
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 18.033, 221.615

Background



This preview shows how black text looks on a background with the CIELCh color 42, 18.033, 221.615.

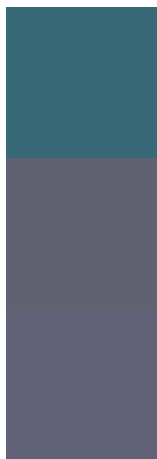


This preview shows how white text looks on a background with the CIELCh color 42, 18.033, 221.615.

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, 18.033, 221.615

Protanopia
42, 9.094, 286.605

Deuteranopia
42, 13.925, 292.213



Tritanopia
42, 18.149, 213.087

Trichromacy



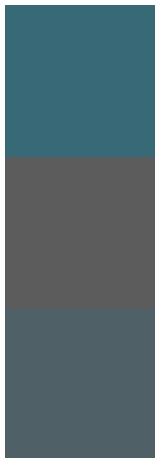
Original Color
42, 18.033, 221.615

Protanomaly
42, 11.047, 249.218

Deuteranomaly
42, 13.024, 261.543

Tritanomaly
42, 18.206, 215.065

Monochromacy



Original Color
42, 18.033, 221.615

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 7.563, 222.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 18.033, 221.615 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(55, 106, 118)` looks like.

```
.text, #text, p{  
    color:rgb(55, 106, 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(55, 106, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 106, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 18.033, 221.615 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(55, 106, 118) }
```

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

```
.border{ border-color:rgb(55, 106, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 106, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 106, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 106, 118);  
box-shadow:4px 4px 4px 4px rgb(55, 106,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 18.033, 221.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 106, 118) }
```

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

```
.background{ background-color: rgb(55, 106,  
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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