

Converting Colors

CIELCh(38, 15.669, 213.468)

Have a look what the booklet for
CIELCh(38, 15.669, 213.468)
contains.

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Color

CIELCh(38, 15.743, 213.644)

Conversions

Conversions Part 1

Format	Color
Hex	346067
RGB	52, 96, 103
RGB Percent	20%, 38%, 40%
CMY	0.7958, 0.6233, 0.5959
CMYK	0.49, 0.07, 0.00, 0.60
HSL	188°, 33%, 30%
HSV	188°, 49%, 40%
XYZ	8.0582, 10.0881, 14.3695
YIQ	83.6420, -28.4710, -7.1510

Conversions

Conversions Part 2

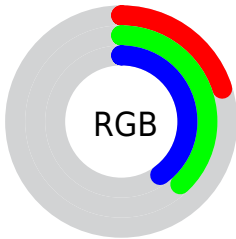
Format	Color
RYB	52, 76, 103
Decimal	3432551
CIELab	38.00, -13.11, -8.72
CIElCh	38, 15.743, 213.644
Yxy	10.0881, 0.2478, 0.3103
Android (android.graphics.Color)	4281622631 (0xFF346067)
YUV	83.6420, 9.5435, -27.7500
Hunter-Lab	31.7617, -10.2961, -4.5905

Details

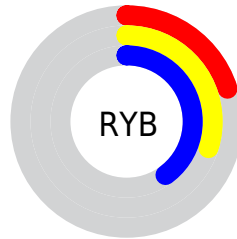
The CIELCh color **38, 15.743, 213.644** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 22.452, 34.325**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 15.934, 212.622**, and **18, 15.301, 212.634** is the 20% darker color. If you saturate the color by 10%, you get **37, 17.943, 214.388**, and if you desaturate by 10%, it is **39, 13.146, 213.117**.

Distribution



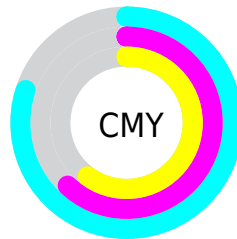
- Red (20%)
- Green (38%)
- Blue (40%)



- Red (20%)
- Yellow (30%)
- Blue (40%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)




- Cyan (80%)
- Magenta (62%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 15.743, 213.644 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 38, 15.743, 213.644 by changing the saturation by 10% instead.


 38, 15.743,
213.644


 38, 15.743,
213.644

 100, 15.743,
213.644


 28, 15.743,
213.644

 58, 15.743,
213.644


 18, 15.743,
213.644

 68, 15.743,
213.644

 8, 15.743, 213.644

 78, 15.743,
213.644

 0, 15.743, 213.644

 88, 15.743,
213.644

 98, 15.743,
213.644

■ 38, 15.743,
213.644

■ 38, 15.743,
213.644

■ 37, 17.943,
214.388

■ 39, 13.146,
213.117

■ 36, 19.708,
215.402

■ 40, 10.202,
212.777

■ 36, 21.016,
216.729

■ 41, 6.963, 212.593

■ 35, 21.874,
218.421

■ 42, 3.482, 212.560

■ 34, 22.503,
220.289

■ 44, 0.193, 30.699

■ 34, 22.537,
220.382

■ 45, 4.017, 32.473

■ 46, 7.955, 32.657

■ 48, 11.973, 32.857

■ 49, 16.047, 33.081

Harmonies

Complementary

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



38, 15.743, 213.644



30, 22.452, 34.325

Rectangle

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



38, 15.743, 213.644



38, 15.743, 263.644



38, 15.743, 33.644



38, 15.743, 83.644

Sweetspot

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



38, 15.743, 213.642



54, 6.774, 212.559



39, 33.958, 144.397



28, 4.638, 212.569



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



38, 15.743, 213.642



48, 22.075, 214.499



30, 21.309, 276.765



21, 2.046, 212.564



38, 24.304, 220.722



77, 42.030, 222.424

Inverse Universe

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



30, 33.760, 331.258



37, 48.983, 331.909



37, 21.911, 82.172



20, 3.848, 328.896



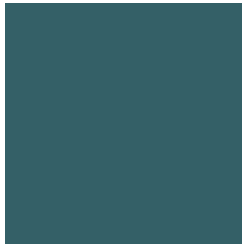
25, 57.824, 334.272



56, 99.660, 334.698

Previews

White Background



This preview shows how the CIELCh color 38, 15.743, 213.644 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 38, 15.743, 213.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

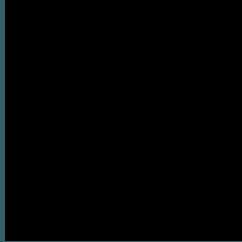
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 15.743, 213.644

Background



This preview shows how black text looks on a background with the CIELCh color 38, 15.743, 213.644.



This preview shows how white text looks on a background with the CIELCh color 38, 15.743, 213.644.

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

38, 15.743, 213.644

Protanopia

38, 6.166, 291.164

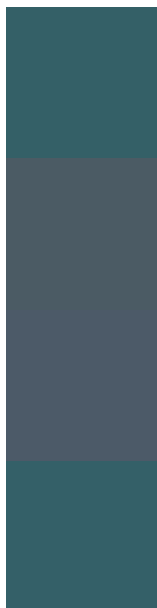
Deuteranopia

38, 11.187, 297.993



Tritanopia
38, 15.815, 215.950

Trichromacy



Original Color
38, 15.743, 213.644

Protanomaly
38, 8.179, 241.726

Deuteranomaly
38, 9.987, 259.228

Tritanomaly
38, 15.815, 215.950

Monochromacy



Original Color
38, 15.743, 213.644

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 6.616, 215.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 15.743, 213.644 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(52, 96, 103)` looks like.

```
.text, #text, p{  
    color:rgb(52, 96, 103)  
}
```

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(52, 96, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 96, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 15.743, 213.644 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(52, 96, 103) }
```

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

```
.border{ border-color:rgb(52, 96, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 96, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 96, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 96, 103);  
box-shadow:4px 4px 4px 4px rgb(52, 96,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 15.743, 213.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 96, 103) }
```

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

```
.background{ background-color: rgb(52, 96,  
103) }
```

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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