

Converting Colors

CIELCh(38, 4.346, 219.041)

Have a look what the booklet for
CIELCh(38, 4.346, 219.041) contains.

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Color

CIELCh(38, 4.417, 223.761)

Conversions

Conversions Part 1

Format	Color
Hex	515B5E
RGB	81, 91, 94
RGB Percent	32%, 36%, 37%
CMY	0.6815, 0.6423, 0.6305
CMYK	0.14, 0.03, 0.00, 0.63
HSL	194°, 7%, 34%
HSV	194°, 14%, 37%
XYZ	9.1995, 10.0881, 12.1013
YIQ	88.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

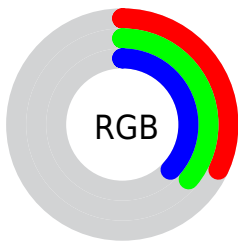
Format	Color
R_{YB}	81, 87, 94
Decimal	5331806
CIE Lab	38.00, -3.19, -3.06
CIE LCh	38, 4.417, 223.761
Yxy	10.0881, 0.2931, 0.3214
Android (android.graphics.Color)	4283521886 (0xFF515B5E)
YUV	88.3520, 2.7845, -6.4477
Hunter-Lab	31.7617, -3.8818, -0.3565

Details

The CIELCh color **38, 4.417, 223.761** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 4.780, 42.616**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 4.476, 221.574**, and **18, 4.434, 226.751** is the 20% darker color. If you saturate the color by 10%, you get **37, 7.420, 224.327**, and if you desaturate by 10%, it is **39, 1.245, 223.474**.

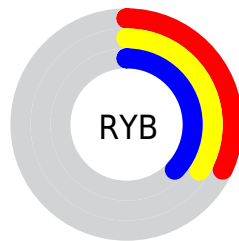
Distribution



Red (32%)

Green (36%)

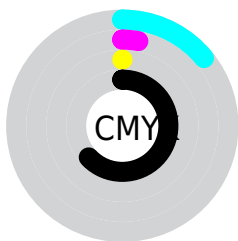
Blue (37%)



Red (32%)

Yellow (34%)

Blue (37%)

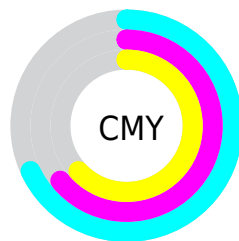


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (63%)



Cyan (68%)

Magenta (64%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 4.417, 223.761 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, 4.417, 223.761 by changing the saturation by 10% instead.

■ 38, 4.417, 223.761

■ 38, 4.417, 223.761

■ 100, 4.417,
223.761

■ 28, 4.417, 223.761

■ 58, 4.417, 223.761

■ 18, 4.417, 223.761

■ 68, 4.417, 223.761

■ 8, 4.417, 223.761

■ 78, 4.417, 223.761

■ 0, 4.417, 223.761

■ 88, 4.417, 223.761

■ 98, 4.417, 223.761

■ 38, 4.417, 223.761

■ 38, 4.417, 223.761

■ 37, 7.420, 224.327

■ 39, 1.245, 223.474

35, 10.216,
225.119

41, 2.061, 42.746

34, 12.765,
226.159

42, 5.470, 42.609

33, 15.026,
227.502

44, 8.957, 42.476

32, 16.966,
229.213

47, 16.082, 42.351

31, 18.565,
231.363

49, 19.688, 42.343

30, 19.820,
234.023

50, 23.306, 42.363

29, 20.797,
237.165

52, 26.928, 42.403

28, 21.411,
239.045

Harmonies

Complementary

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



38, 4.417, 223.761



37, 4.780, 42.616

Rectangle

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



38, 4.417, 223.761



38, 4.417, 273.761



38, 4.417, 43.761



38, 4.417, 93.761

Sweetspot

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



38, 4.417, 223.747



51, 1.623, 223.467



39, 8.370, 150.275



25, 1.141, 223.462



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



38, 4.417, 223.747



48, 6.686, 223.939



36, 5.944, 276.606



18, 1.775, 223.542



33, 23.891, 239.910



69, 42.620, 242.961

Inverse Universe

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



36, 8.318, 332.425



45, 12.729, 332.659



39, 5.914, 93.347



17, 3.294, 332.109



23, 52.368, 339.402



53, 91.358, 340.321

Previews

White Background



This preview shows how the CIELCh color 38, 4.417, 223.761 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 38, 4.417, 223.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

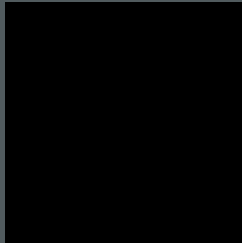
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

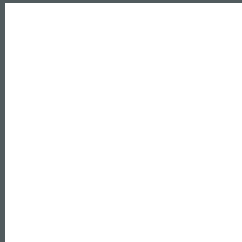
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 4.417, 223.761

Background



This preview shows how black text looks on a background with the CIELCh color 38, 4.417, 223.761.



This preview shows how white text looks on a background with the CIELCh color 38, 4.417, 223.761.

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

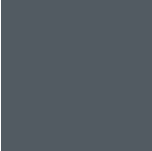
38, 4.417, 223.761

Protanopia

38, 2.505, 300.151

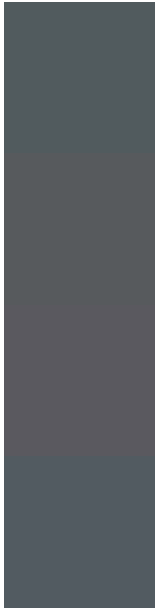
Deuteranopia

38, 5.981, 324.845



Tritanopia
38, 5.536, 250.341

Trichromacy



Original Color

38, 4.417, 223.761

Protanomaly

38, 2.207, 256.268

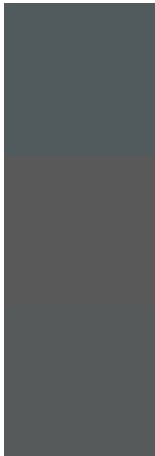
Deuteranomaly

38, 3.723, 297.138

Tritanomaly

38, 5.097, 245.629

Monochromacy



Original Color

38, 4.417, 223.761

Achromatopsia

38, 0.005, 296.813

Achromatomaly

38, 1.766, 219.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 4.417, 223.761 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(81, 91, 94)` looks like.

```
.text, #text, p{  
    color:rgb(81, 91, 94)  
}
```

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(81, 91, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 91, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 4.417, 223.761 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(81, 91, 94) }
```

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

```
.border{ border-color:rgb(81, 91, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 91, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 91, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 91, 94);  
box-shadow:4px 4px 4px 4px rgb(81, 91, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 4.417, 223.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 91, 94) }
```

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

```
.background{ background-color: rgb(81, 91,  
94) }
```

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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