

Converting Colors

CIELCh(38, 4.511, 198.874)

Have a look what the booklet for
CIELCh(38, 4.511, 198.874) contains.

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Color

CIELCh(38, 4.503, 198.876)

Conversions

Conversions Part 1

Format	Color
Hex	515C5C
RGB	81, 92, 92
RGB Percent	32%, 36%, 36%
CMY	0.6838, 0.6407, 0.6407
CMYK	0.12, 0.00, 0.00, 0.64
HSL	180°, 6%, 34%
HSV	180°, 12%, 36%
XYZ	9.0714, 10.0881, 11.5079
YIQ	88.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

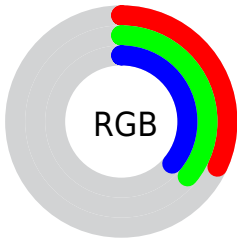
Format	Color
R_{YB}	81, 87, 92
Decimal	5332060
CIE Lab	38.00, -4.26, -1.46
CIE LCh	38, 4.503, 198.876
Yxy	10.0881, 0.2958, 0.3290
Android (android.graphics.Color)	4283522140 (0xFF515C5C)
YUV	88.7110, 1.6215, -6.7625
Hunter-Lab	31.7617, -4.6019, 0.7512

Details

The CIELCh color **38, 4.503, 198.876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 4.831, 20.053**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 4.581, 199.051**, and **18, 4.500, 198.510** is the 20% darker color. If you saturate the color by 10%, you get **37, 8.036, 198.369**, and if you desaturate by 10%, it is **39, 0.767, 199.702**.

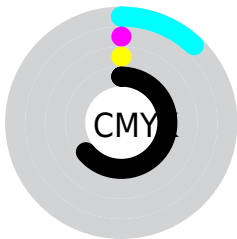
Distribution



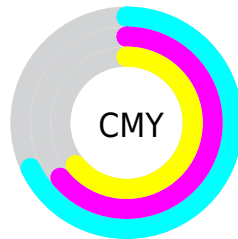
- Red (32%)
- Green (36%)
- Blue (36%)



- Red (32%)
- Yellow (34%)
- Blue (36%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (68%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 4.503, 198.876 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, 4.503, 198.876 by changing the saturation by 10% instead.

■ 38, 4.503, 198.876

■ 38, 4.503, 198.876

■ 100, 4.503,
198.876

■ 28, 4.503, 198.876

■ 58, 4.503, 198.876

■ 18, 4.503, 198.876

■ 68, 4.503, 198.876

■ 8, 4.503, 198.876

■ 78, 4.503, 198.876

■ 0, 4.503, 198.876

■ 88, 4.503, 198.876

■ 98, 4.503, 198.876

■ 38, 4.503, 198.876

■ 38, 4.503, 198.876

■ 37, 8.036, 198.369

■ 39, 0.767, 199.702

37, 11.311,
197.934

40, 3.127, 19.719

36, 14.275,
197.550

40, 7.133, 20.323

36, 16.880,
197.218

41, 11.216, 20.902

35, 19.080,
196.943

44, 19.492, 22.067

35, 20.848,
196.723

45, 23.641, 22.650

35, 22.171,
196.561

46, 27.775, 23.230

35, 23.079,
196.449

47, 31.884, 23.803

35, 23.728,
196.370

Harmonies

Complementary

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



38, 4.503, 198.876



35, 4.831, 20.053

Rectangle

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



38, 4.503, 198.876



38, 4.503, 248.876



38, 4.503, 18.876



38, 4.503, 68.876

Sweetspot

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



38, 4.504, 198.864



50, 1.906, 199.383



38, 8.230, 143.370



26, 1.364, 199.331



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, 4.504, 198.864



49, 6.515, 198.736



36, 3.989, 255.087



18, 2.122, 199.043



42, 26.915, 196.370



85, 47.441, 196.369

Inverse Universe

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



35, 4.831, 20.053



45, 7.096, 20.237



37, 4.110, 72.214



17, 2.233, 19.820



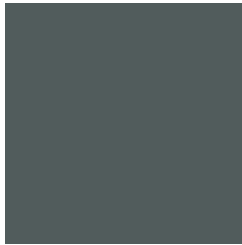
21, 53.758, 36.845



50, 98.982, 39.997

Previews

White Background



This preview shows how the CIELCh color 38, 4.503, 198.876 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, 4.503, 198.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

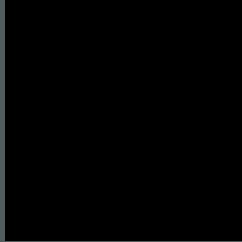
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

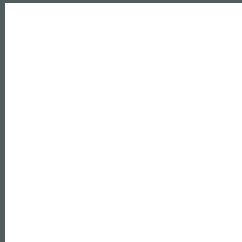
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 4.503, 198.876

Background



This preview shows how black text looks on a background with the CIELCh color 38, 4.503, 198.876.



This preview shows how white text looks on a background with the CIELCh color 38, 4.503, 198.876.

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

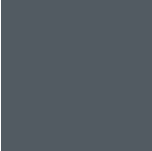
38, 4.503, 198.876

Protanopia

38, 1.055, 343.598

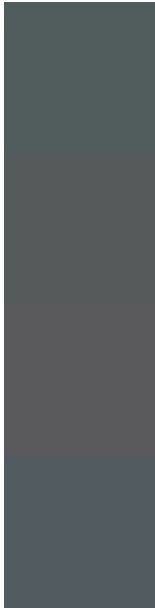
Deuteranopia

38, 5.317, 336.241



Tritanopia
38, 5.536, 250.341

Trichromacy



Original Color

38, 4.503, 198.876

Protanomaly

38, 1.387, 225.825

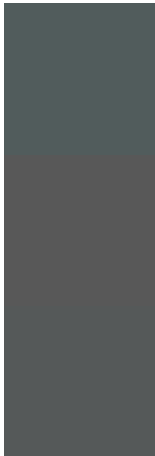
Deuteranomaly

38, 1.902, 303.192

Tritanomaly

38, 4.698, 240.092

Monochromacy



Original Color

38, 4.503, 198.876

Achromatopsia

37, 0.005, 296.813

Achromatomaly

37, 1.675, 199.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 4.503, 198.876 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, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(81, 92, 92)  
}
```

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, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 92, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 4.503, 198.876 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, 92, 92) }
```

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

```
.border{ border-color:rgb(81, 92, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 92, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(81, 92, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 4.503, 198.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 92, 92) }
```

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

```
.background{ background-color: rgb(81, 92,  
92) }
```

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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