

Converting Colors

CIELCh(38, 12.468, 191.587)

Have a look what the booklet for
CIELCh(38, 12.468, 191.587)
contains.

CIELCh(38, 12.404, 192.088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(38, 12.404, 192.088)

Conversions

Conversions Part 1	
Format	Color
Hex	3F5F5D
RGB	63, 95, 93
RGB Percent	25%, 37%, 36%
CMY	0.7520, 0.6265, 0.6343
CMYK	0.34, 0.00, 0.02, 0.63
HSL	176°, 20%, 31%
HSV	176°, 34%, 37%
XYZ	8.1662, 10.0881, 11.9294
YIQ	85.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

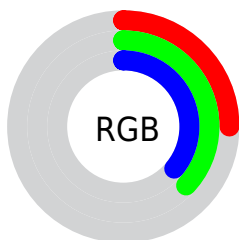
Format	Color
RYB	63, 80, 95
Decimal	4153181
CIELab	38.00, -12.13, -2.60
CIELCh	38, 12.404, 192.088
Yxy	10.0881, 0.2706, 0.3342
Android (android.graphics.Color)	4282343261 (0xFF3F5F5D)
YUV	85.2040, 3.8434, -19.4729
Hunter-Lab	31.7617, -9.6891, -0.0357

Details

The CIELCh color **38, 12.404, 192.088** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 14.980, 17.290**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 12.659, 190.439**, and **18, 12.503, 190.540** is the 20% darker color. If you saturate the color by 10%, you get **37, 15.522, 191.452**, and if you desaturate by 10%, it is **39, 8.979, 192.728**.

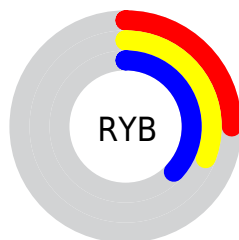
Distribution



Red (25%)

Green (37%)

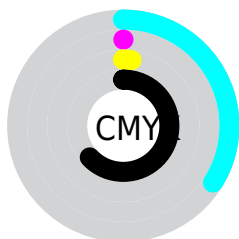
Blue (36%)



Red (25%)

Yellow (31%)

Blue (37%)

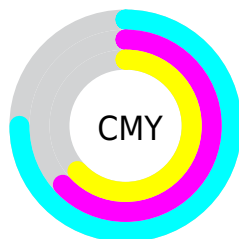


Cyan (34%)

Magenta (0%)

Yellow (2%)

Black (63%)



Cyan (75%)


Magenta (63%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 12.404, 192.088 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, 12.404, 192.088 by changing the saturation by 10% instead.


 38, 12.404,
192.088


 38, 12.404,
192.088

 100, 12.404,
192.088


 28, 12.404,
192.088

 58, 12.404,
192.088


 18, 12.404,
192.088


 68, 12.404,
192.088

 8, 12.404, 192.088

 78, 12.404,
192.088

 0, 12.404, 192.088

 88, 12.404,
192.088

 98, 12.404,
192.088

■ 38, 12.404,
192.088

■ 38, 12.404,
192.088

■ 37, 15.522,
191.452

■ 39, 8.979, 192.728

■ 37, 18.277,
190.823

■ 39, 5.303, 193.392

■ 40, 1.432, 194.199

■ 37, 20.622,
190.193

■ 41, 2.584, 14.506

■ 36, 22.524,
189.554

■ 42, 6.698, 15.234

■ 43, 10.874, 15.906

■ 36, 23.968,
188.894

■ 44, 15.080, 16.566

■ 36, 25.003,
188.209

■ 45, 19.292, 17.217

■ 46, 23.490, 17.859

■ 36, 25.628,
187.787

Harmonies

Complementary

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



38, 12.404, 192.088



30, 14.980, 17.290

Rectangle

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



38, 12.404, 192.088



38, 12.404, 242.088



38, 12.404, 12.088



38, 12.404, 62.088

Sweetspot

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



38, 12.404, 192.085



51, 4.907, 193.622



37, 23.487, 140.648



26, 3.368, 193.553



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



38, 12.404, 192.085



49, 17.965, 191.600



34, 10.867, 252.518



20, 2.239, 193.726



42, 28.795, 187.626



86, 50.526, 187.106

Inverse Universe

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



30, 14.980, 17.290



38, 22.778, 18.368



34, 12.299, 64.423



18, 2.344, 14.759



22, 53.315, 34.608



50, 97.314, 38.123

Previews

White Background



This preview shows how the CIELCh color 38, 12.404, 192.088 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, 12.404, 192.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

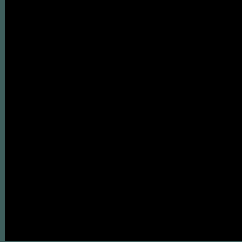
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

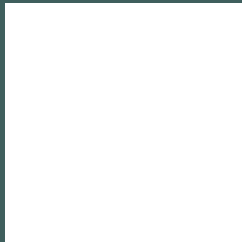
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 12.404, 192.088

Background



This preview shows how black text looks on a background with the CIELCh color 38, 12.404, 192.088.



This preview shows how white text looks on a background with the CIELCh color 38, 12.404, 192.088.

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, 12.404, 192.088

Protanopia

38, 0.850, 19.160

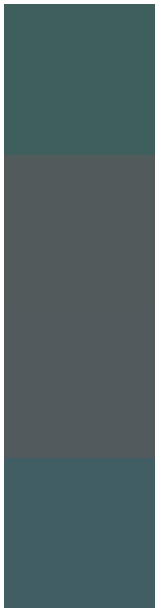
Deuteranopia

38, 5.981, 324.845



Tritanopia
38, 11.641, 223.393

Trichromacy



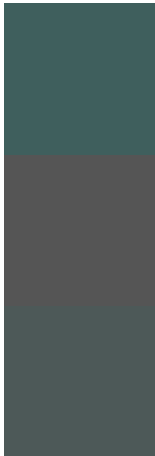
Original Color
38, 12.404, 192.088

Protanomaly
38, 4.111, 198.930

Deuteranomaly
38, 3.729, 240.623

Tritanomaly
38, 11.542, 213.652

Monochromacy



Original Color
38, 12.404, 192.088

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 4.997, 191.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 12.404, 192.088 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(63, 95, 93)` looks like.

```
.text, #text, p{  
    color:rgb(63, 95, 93)  
}
```

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(63, 95, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 95, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 12.404, 192.088 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(63, 95, 93) }
```

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

```
.border{ border-color:rgb(63, 95, 93) }
```

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

Here you see how a box with a 4 pixel rgb(63, 95, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 95, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 95, 93);  
box-shadow:4px 4px 4px 4px rgb(63, 95, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 12.404, 192.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 95, 93) }
```

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

```
.background{ background-color: rgb(63, 95,  
93) }
```

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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