

Converting Colors

CIELCh(38, 11.373, 201.738)

Have a look what the booklet for
CIELCh(38, 11.373, 201.738)
contains.

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Color

CIELCh(38, 11.452, 201.078)

Conversions

Conversions Part 1

Format	Color
Hex	415F60
RGB	65, 95, 96
RGB Percent	25%, 37%, 38%
CMY	0.7462, 0.6285, 0.6246
CMYK	0.32, 0.01, 0.00, 0.62
HSL	182°, 19%, 31%
HSV	182°, 32%, 38%
XYZ	8.3275, 10.0881, 12.5073
YIQ	86.1440, -18.2010, -6.0490

Conversions

Conversions Part 2

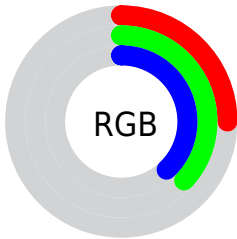
Format	Color
RYB	65, 80, 96
Decimal	4284256
CIELab	38.00, -10.69, -4.12
CIELCh	38, 11.452, 201.078
Yxy	10.0881, 0.2693, 0.3262
Android (android.graphics.Color)	4282474336 (0xFF415F60)
YUV	86.1440, 4.8590, -18.5433
Hunter-Lab	31.7617, -8.7826, -1.1144

Details

The CIELCh color **38, 11.452, 201.078** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 14.123, 24.321**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 11.703, 198.331**, and **18, 11.499, 200.667** is the 20% darker color. If you saturate the color by 10%, you get **37, 14.399, 200.844**, and if you desaturate by 10%, it is **39, 8.187, 201.377**.

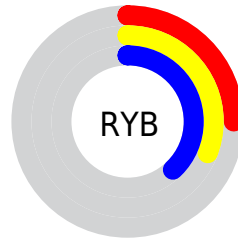
Distribution



Red (25%)

Green (37%)

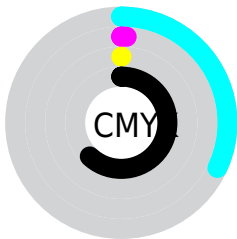
Blue (38%)



Red (25%)

Yellow (31%)

Blue (38%)

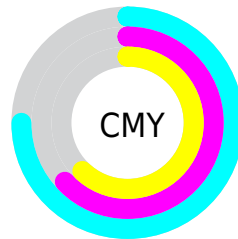


Cyan (32%)

Magenta (1%)

Yellow (0%)

Black (62%)



Cyan (75%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 11.452, 201.078 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, 11.452, 201.078 by changing the saturation by 10% instead.

■ 38, 11.452,
201.078

■ 38, 11.452,
201.078

■ 100, 11.452,
201.078

■ 28, 11.452,
201.078

■ 58, 11.452,
201.078

■ 18, 11.452,
201.078

■ 68, 11.452,
201.078

■ 8, 11.452, 201.078

■ 78, 11.452,
201.078

■ 0, 11.452, 201.078

■ 88, 11.452,
201.078

■ 98, 11.452,
201.078

■ 38, 11.452,
201.078

■ 38, 11.452,
201.078

■ 37, 14.399,
200.844

■ 39, 8.187, 201.377

■ 37, 16.974,
200.694

■ 40, 4.657, 201.755

■ 40, 0.915, 202.436

■ 36, 19.133,
200.633

■ 41, 2.989, 22.405

■ 36, 20.844,
200.670

■ 42, 7.014, 22.930

■ 43, 11.120, 23.431

■ 36, 22.094,
200.812

■ 45, 15.279, 23.937

■ 35, 22.911,
201.059

■ 46, 19.466, 24.449

■ 47, 23.660, 24.964

■ 35, 23.458,
201.256

Harmonies

Complementary

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



38, 11.452, 201.078



31, 14.123, 24.321

Rectangle

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



38, 11.452, 201.078



38, 11.452, 251.078



38, 11.452, 21.078



38, 11.452, 71.078

Sweetspot

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



38, 11.452, 201.074



51, 4.708, 201.847



38, 22.962, 142.772



26, 3.230, 201.803



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, 11.452, 201.074



49, 16.654, 200.888



33, 11.372, 261.974



20, 2.149, 201.915



41, 26.215, 201.354



84, 45.713, 201.682

Inverse Universe

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



32, 22.720, 326.973



40, 33.892, 327.362



35, 12.252, 73.395



18, 3.962, 325.746



25, 61.579, 329.496



56, 107.484, 329.578

Previews

White Background



This preview shows how the CIELCh color 38, 11.452, 201.078 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, 11.452, 201.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

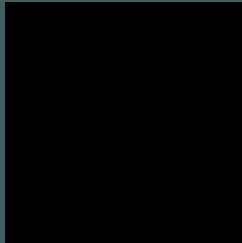
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 11.452, 201.078

Background



This preview shows how black text looks on a background with the CIELCh color 38, 11.452, 201.078.



This preview shows how white text looks on a background with the CIELCh color 38, 11.452, 201.078.

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, 11.452, 201.078

Protanopia

38, 1.902, 303.192

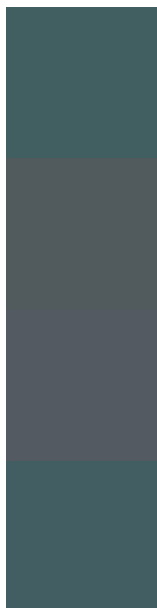
Deuteranopia

38, 6.839, 316.119



Tritanopia
38, 11.166, 221.055

Trichromacy



Original Color
38, 11.452, 201.078

Protanomaly
38, 4.230, 215.928

Deuteranomaly
38, 5.090, 257.270

Tritanomaly
38, 10.902, 214.661

Monochromacy



Original Color
38, 11.452, 201.078

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 4.533, 206.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 11.452, 201.078 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(65, 95, 96)` looks like.

```
.text, #text, p{  
    color:rgb(65, 95, 96)  
}
```

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(65, 95, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 95, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 11.452, 201.078 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(65, 95, 96) }
```

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

```
.border{ border-color:rgb(65, 95, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 95, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 95, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 95, 96);  
box-shadow:4px 4px 4px 4px rgb(65, 95, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 11.452, 201.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 95, 96) }
```

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

```
.background{ background-color: rgb(65, 95,  
96) }
```

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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