

Converting Colors

CIELCh(38, 13.527, 220.445)

Have a look what the booklet for
CIELCh(38, 13.527, 220.445)
contains.

CIELCh(38, 13.376, 219.725)	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, 13.376, 219.725)

Conversions

Conversions Part 1

Format	Color
Hex	3C5F67
RGB	60, 95, 103
RGB Percent	24%, 37%, 40%
CMY	0.7653, 0.6281, 0.5967
CMYK	0.42, 0.08, 0.00, 0.60
HSL	191°, 26%, 32%
HSV	191°, 42%, 40%
XYZ	8.3724, 10.0881, 14.2962
YIQ	85.4470, -23.4280, -4.9320

Conversions

Conversions Part 2

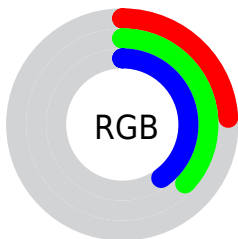
Format	Color
RYB	60, 79, 103
Decimal	3956583
CIELab	38.00, -10.29, -8.55
CIElCh	38, 13.376, 219.725
Yxy	10.0881, 0.2556, 0.3080
Android (android.graphics.Color)	4282146663 (0xFF3C5F67)
YUV	85.4470, 8.6536, -22.3170
Hunter-Lab	31.7617, -8.5305, -4.4536

Details

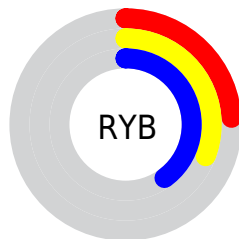
The CIELCh color **38, 13.376, 219.725** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 17.800, 38.102**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 13.207, 221.319**, and **18, 13.441, 218.465** is the 20% darker color. If you saturate the color by 10%, you get **37, 15.843, 220.679**, and if you desaturate by 10%, it is **39, 10.575, 219.016**.

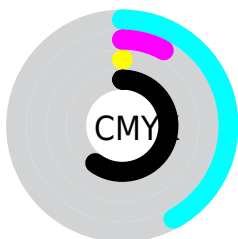
Distribution



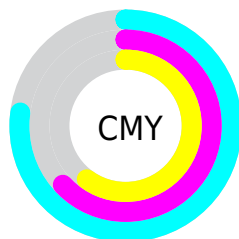
- Red (24%)
- Green (37%)
- Blue (40%)



- Red (24%)
- Yellow (31%)
- Blue (40%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)





- Cyan (77%)
- Magenta (63%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 13.376, 219.725 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, 13.376, 219.725 by changing the saturation by 10% instead.


 38, 13.376,
219.725


 38, 13.376,
219.725

 100, 13.376,
219.725


 28, 13.376,
219.725

 58, 13.376,
219.725


 18, 13.376,
219.725


 68, 13.376,
219.725

 8, 13.376, 219.725

 78, 13.376,
219.725

 0, 13.376, 219.725

 88, 13.376,
219.725

 98, 13.376,
219.725

■ 38, 13.376,
219.725

■ 38, 13.376,
219.725

■ 37, 15.843,
220.679

■ 39, 10.575,
219.016

■ 36, 17.932,
221.940

■ 41, 7.489, 218.516

■ 42, 4.167, 218.199

■ 35, 19.614,
223.570

■ 43, 0.653, 218.407

■ 34, 20.875,
225.633

■ 45, 3.010, 37.654

■ 46, 6.787, 37.669

■ 33, 21.740,
228.184

■ 48, 10.649, 37.700

■ 32, 22.371,
230.340

■ 49, 14.571, 37.767

■ 51, 18.532, 37.867

Harmonies

Complementary

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



38, 13.376, 219.725



33, 17.800, 38.102

Rectangle

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



38, 13.376, 219.725



38, 13.376, 269.725



38, 13.376, 39.725



38, 13.376, 89.725

Sweetspot

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



38, 13.376, 219.722



53, 5.630, 218.236



40, 27.835, 146.764



27, 3.891, 218.280



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



38, 13.376, 219.722



47, 18.878, 220.632



31, 19.086, 278.924



20, 1.981, 218.147



36, 24.187, 230.826



74, 42.070, 233.199

Inverse Universe

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



32, 27.841, 332.563



38, 40.461, 333.184



39, 19.063, 87.360



20, 3.717, 330.525



25, 55.790, 336.865



55, 95.964, 337.504

Previews

White Background



This preview shows how the CIE LCh color 38, 13.376, 219.725 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, 13.376, 219.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

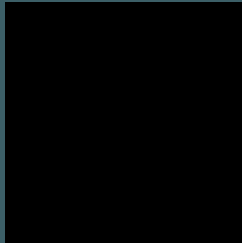
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

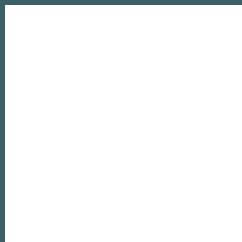
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 13.376, 219.725

Background



This preview shows how black text looks on a background with the CIELCh color 38, 13.376, 219.725.



This preview shows how white text looks on a background with the CIELCh color 38, 13.376, 219.725.

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, 13.376, 219.725

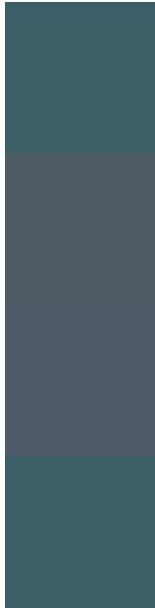
Protanopia
38, 6.161, 287.399

Deuteranopia
38, 11.187, 297.993



Tritanopia
38, 13.376, 219.725

Trichromacy



Original Color
38, 13.376, 219.725

Protanomaly
38, 7.403, 247.639

Deuteranomaly
38, 9.482, 265.012

Tritanomaly
38, 13.376, 219.725

Monochromacy



Original Color
38, 13.376, 219.725

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 5.381, 212.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 13.376, 219.725 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(60, 95, 103)` looks like.

```
.text, #text, p{  
    color:rgb(60, 95, 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(60, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 95, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 13.376, 219.725 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(60, 95, 103) }
```

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

```
.border{ border-color:rgb(60, 95, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 95, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(60, 95,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 13.376, 219.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 95, 103) }
```

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

```
.background{ background-color: rgb(60, 95,  
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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