

Converting Colors

CIELCh(38, 5.864, 225.544)

Have a look what the booklet for
CIELCh(38, 5.864, 225.544) contains.

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Color

CIELCh(38, 6.037, 222.931)

Conversions

Conversions Part 1

Format	Color
Hex	4E5C60
RGB	78, 92, 96
RGB Percent	31%, 36%, 38%
CMY	0.6946, 0.6397, 0.6240
CMYK	0.19, 0.04, 0.00, 0.62
HSL	193°, 10%, 34%
HSV	193°, 19%, 38%
XYZ	9.0524, 10.0881, 12.5047
YIQ	88.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

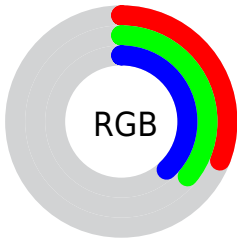
Format	Color
R_{YB}	78, 86, 96
Decimal	5135456
CIE Lab	38.00, -4.42, -4.11
CIE LCh	38, 6.037, 222.931
Yxy	10.0881, 0.2861, 0.3188
Android (android.graphics.Color)	4283325536 (0xFF4E5C60)
YUV	88.2700, 3.8109, -9.0068
Hunter-Lab	31.7617, -4.7084, -1.1096

Details

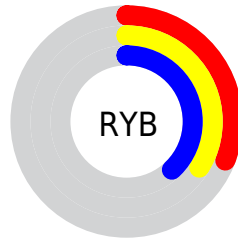
The CIELCh color **38, 6.037, 222.931** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 6.748, 41.577**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 6.020, 221.230**, and **18, 6.115, 225.456** is the 20% darker color. If you saturate the color by 10%, you get **37, 8.989, 223.559**, and if you desaturate by 10%, it is **39, 2.891, 222.493**.

Distribution



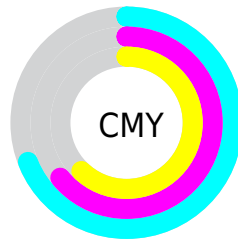
- Red (31%)
- Green (36%)
- Blue (38%)



- Red (31%)
- Yellow (34%)
- Blue (38%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (62%)



- Cyan (69%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 6.037, 222.931 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, 6.037, 222.931 by changing the saturation by 10% instead.

■ 38, 6.037, 222.931

■ 38, 6.037, 222.931

■ 100, 6.037,
222.931

■ 28, 6.037, 222.931

■ 58, 6.037, 222.931

■ 18, 6.037, 222.931

■ 68, 6.037, 222.931

■ 8, 6.037, 222.931

■ 78, 6.037, 222.931

■ 0, 6.037, 222.931

■ 88, 6.037, 222.931

■ 98, 6.037, 222.931

■ 38, 6.037, 222.931

■ 38, 6.037, 222.931

■ 37, 8.989, 223.559

■ 39, 2.891, 222.493

■ 35, 11.706,
224.419

■ 41, 0.411, 41.268

■ 34, 14.144,
225.545

■ 42, 3.835, 41.709

■ 33, 16.267,
226.998

■ 44, 7.352, 41.589

■ 32, 18.043,
228.845

■ 47, 14.570, 41.475

■ 31, 19.459,
231.157

■ 49, 18.236, 41.476

■ 30, 20.527,
234.004

■ 50, 21.919, 41.507

■ 29, 21.448,
237.060

■ 52, 25.610, 41.559

■ 29, 21.567,
237.416

Harmonies

Complementary

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



38, 6.037, 222.931



36, 6.748, 41.577

Rectangle

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



38, 6.037, 222.931



38, 6.037, 272.931



38, 6.037, 42.931



38, 6.037, 92.931

Sweetspot

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



38, 6.037, 222.922



51, 2.473, 222.436



39, 11.568, 149.913



26, 1.652, 222.442



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, 6.037, 222.922



48, 9.073, 223.211



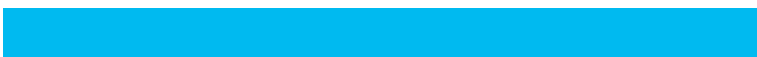
35, 8.241, 277.291



19, 1.864, 222.497



34, 24.155, 238.271



71, 42.645, 241.144

Inverse Universe

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



35, 11.572, 332.422



44, 17.655, 332.735



39, 8.190, 92.771



18, 3.469, 331.802



24, 53.526, 338.924



54, 92.666, 339.768

Previews

White Background



This preview shows how the CIELCh color 38, 6.037, 222.931 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, 6.037, 222.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

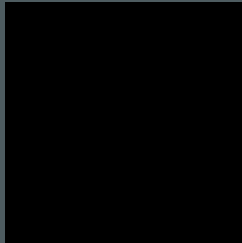
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

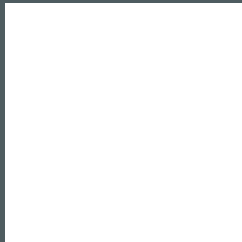
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 6.037, 222.931

Background



This preview shows how black text looks on a background with the CIELCh color 38, 6.037, 222.931.



This preview shows how white text looks on a background with the CIELCh color 38, 6.037, 222.931.

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

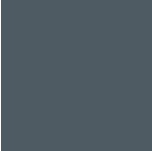
38, 6.037, 222.931

Protanopia

38, 3.080, 290.679

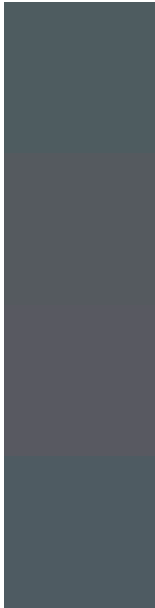
Deuteranopia

38, 6.839, 316.119



Tritanopia
38, 6.988, 243.949

Trichromacy



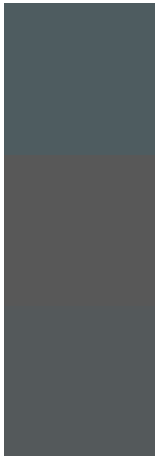
Original Color
38, 6.037, 222.931

Protanomaly
38, 3.656, 256.751

Deuteranomaly
38, 4.935, 286.231

Tritanomaly
38, 6.604, 239.823

Monochromacy



Original Color
38, 6.037, 222.931

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 2.391, 230.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 6.037, 222.931 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(78, 92, 96)` looks like.

```
.text, #text, p{  
    color:rgb(78, 92, 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(78, 92, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 92, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 6.037, 222.931 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(78, 92, 96) }
```

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

```
.border{ border-color:rgb(78, 92, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 92, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 92, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 92, 96);  
box-shadow:4px 4px 4px 4px rgb(78, 92, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 6.037, 222.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 92, 96) }
```

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

```
.background{ background-color: rgb(78, 92,  
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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