

Converting Colors

CIELCh(38, 3.197, 356.386)

Have a look what the booklet for
CIELCh(38, 3.197, 356.386) contains.

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Color

CIELCh(38, 3.236, 357.513)

Conversions

Conversions Part 1

Format	Color
Hex	5F585A
RGB	95, 88, 90
RGB Percent	37%, 35%, 35%
CMY	0.6285, 0.6559, 0.6481
CMYK	0.00, 0.07, 0.05, 0.63
HSL	343°, 4%, 36%
HSV	343°, 7%, 37%
XYZ	9.9935, 10.0881, 11.0339
YIQ	90.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

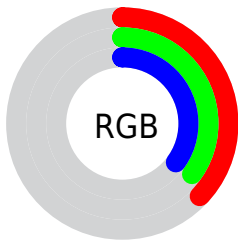
Format	Color
RYB	95, 88, 90
Decimal	6248538
CIELab	38.00, 3.23, -0.14
CIElCh	38, 3.236, 357.513
Yxy	10.0881, 0.3212, 0.3242
Android (android.graphics.Color)	4284438618 (0xFF5F585A)
YUV	90.3210, -0.1583, 4.1035
Hunter-Lab	31.7617, 0.5803, 1.6360

Details

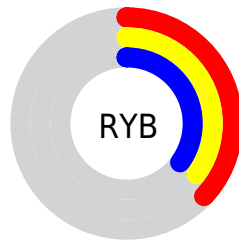
The CIELCh color **38, 3.236, 357.513** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 3.166, 176.431**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 2.987, 357.265**, and **18, 3.192, 354.597** is the 20% darker color. If you saturate the color by 10%, you get **35, 7.764, 358.547**, and if you desaturate by 10%, it is **41, 1.118, 177.009**.

Distribution



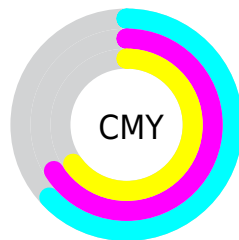
- Red (37%)
- Green (35%)
- Blue (35%)



- Red (37%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 3.236, 357.513 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, 3.236, 357.513 by changing the saturation by 10% instead.

■ 38, 3.236, 357.513

■ 38, 3.236, 357.513

■ 100, 3.236,
357.513

■ 28, 3.236, 357.513

■ 58, 3.236, 357.513

■ 18, 3.236, 357.513

■ 68, 3.236, 357.513

■ 8, 3.236, 357.513

■ 78, 3.236, 357.513

■ 0, 3.236, 357.513

■ 88, 3.236, 357.513

■ 98, 3.236, 357.513

■ 38, 3.236, 357.513

■ 38, 3.236, 357.513

■ 35, 7.764, 358.547

■ 41, 1.118, 177.009

32, 12.442,
359.681

44, 5.284, 176.051

29, 17.215, 1.000

47, 9.265, 175.345

27, 21.993, 2.570

50, 13.069,
174.717

24, 26.644, 4.475

53, 16.708,
174.148

22, 31.000, 6.824

56, 20.193,
173.627

21, 34.875, 9.751

19, 38.126, 13.389

59, 23.540,
173.147

18, 41.077, 17.368

62, 26.760,
172.703

65, 29.865,
172.291

Harmonies

Complementary

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



38, 3.236, 357.513



40, 3.166, 176.431

Rectangle

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



38, 3.236, 357.513



38, 3.236, 47.513



38, 3.236, 177.513



38, 3.236, 227.513

Sweetspot

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



38, 3.235, 357.525



51, 1.072, 356.830



38, 4.790, 315.996



25, 0.604, 356.782



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, 3.235, 357.525



48, 4.887, 357.717



38, 2.546, 39.219



18, 2.511, 357.680



22, 47.500, 19.585



51, 84.800, 23.436

Inverse Universe

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



38, 3.235, 357.525



48, 4.887, 357.717



39, 2.443, 219.789



18, 2.511, 357.680



22, 47.500, 19.585



51, 84.800, 23.436

Previews

White Background



This preview shows how the CIELCh color 38, 3.236, 357.513 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, 3.236, 357.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

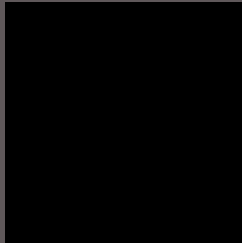
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 3.236, 357.513

Background



This preview shows how black text looks on a background with the CIELCh color 38, 3.236, 357.513.

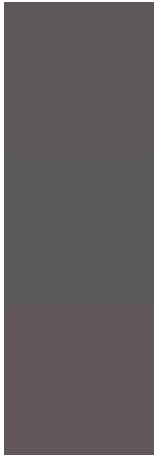


This preview shows how white text looks on a background with the CIELCh color 38, 3.236, 357.513.

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

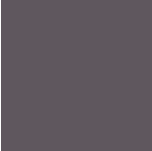
38, 3.236, 357.513

Protanopia

38, 1.055, 343.598

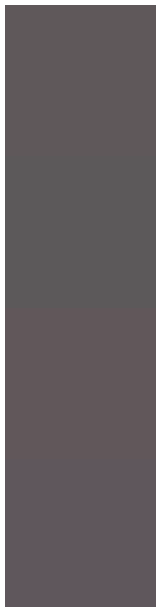
Deuteranopia

38, 5.065, 358.827



Tritanopia
38, 5.488, 328.470

Trichromacy



Original Color

38, 3.236, 357.513

Protanomaly

38, 1.420, 353.779

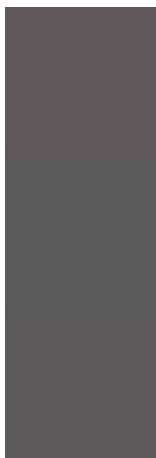
Deuteranomaly

38, 4.665, 356.814

Tritanomaly

38, 4.593, 338.013

Monochromacy



Original Color

38, 3.236, 357.513

Achromatopsia

38, 0.005, 296.813

Achromatomaly

38, 1.420, 353.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 3.236, 357.513 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(95, 88, 90)` looks like.

```
.text, #text, p{  
    color:rgb(95, 88, 90)  
}
```

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(95, 88, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 88, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 3.236, 357.513 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(95, 88, 90) }
```

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

```
.border{ border-color:rgb(95, 88, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 88, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 88, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 88, 90);  
box-shadow:4px 4px 4px 4px rgb(95, 88, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 3.236, 357.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 88, 90) }
```

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

```
.background{ background-color: rgb(95, 88,  
90) }
```

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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