

Converting Colors

CIELCh(38, 11.187, 297.993)

Have a look what the booklet for
CIELCh(38, 11.187, 297.993)
contains.

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Color

CIELCh(38, 11.187, 297.993)

Conversions

Conversions Part 1

Format	Color
Hex	5A5769
RGB	90, 87, 105
RGB Percent	35%, 34%, 41%
CMY	0.6457, 0.6575, 0.5869
CMYK	0.14, 0.17, 0.00, 0.59
HSL	250°, 9%, 38%
HSV	250°, 17%, 41%
XYZ	10.2520, 10.0881, 14.8645
YIQ	89.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

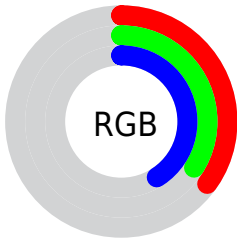
Format	Color
R_{YB}	90, 87, 105
Decimal	5920617
CIE Lab	38.00, 5.25, -9.88
CIE LCh	38, 11.187, 297.993
Yxy	10.0881, 0.2912, 0.2866
Android (android.graphics.Color)	4284110697 (0xFF5A5769)
YUV	89.9490, 7.4201, 0.0447
Hunter-Lab	31.7617, 2.0333, -5.5145

Details

The CIELCh color **38, 11.187, 297.993** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 10.801, 115.547**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 10.900, 297.302**, and **18, 11.132, 297.260** is the 20% darker color. If you saturate the color by 10%, you get **34, 18.058, 298.895**, and if you desaturate by 10%, it is **42, 4.562, 297.203**.

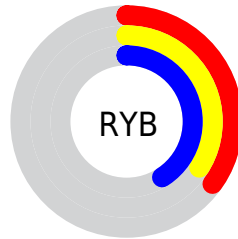
Distribution



Red (35%)

Green (34%)

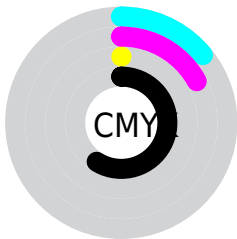
Blue (41%)



Red (35%)

Yellow (34%)

Blue (41%)

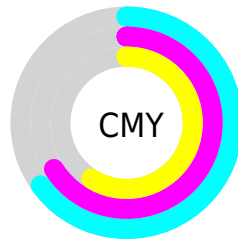


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (59%)



Cyan (65%)


Magenta (66%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 11.187, 297.993 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, 11.187, 297.993 by changing the saturation by 10% instead.


 38, 11.187,
297.993


 38, 11.187,
297.993

 100, 11.187,
297.993


 28, 11.187,
297.993

 58, 11.187,
297.993


 18, 11.187,
297.993


 68, 11.187,
297.993

 8, 11.187, 297.993

 78, 11.187,
297.993

 0, 11.187, 297.993

 88, 11.187,
297.993

 98, 11.187,
297.993

■ 38, 11.187,
297.993

■ 38, 11.187,
297.993

■ 34, 18.058,
298.895

■ 42, 4.562, 297.203

■ 30, 25.182,
299.923

■ 46, 1.825, 116.518

■ 49, 7.987, 115.925

■ 27, 32.540,
301.075

■ 53, 13.939,
115.412

■ 23, 40.074,
302.333

■ 57, 19.694,
114.967

■ 19, 47.640,
303.651

■ 61, 25.265,
114.582

■ 16, 54.933,
304.931

■ 64, 30.662,
114.248

■ 13, 61.408,
306.014

■ 68, 35.897,
113.958

■ 11, 66.958,

306.955

■ 72, 40.980,
113.707

■ 10, 68.726,
307.334

Harmonies

Complementary

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



38, 11.187, 297.993



44, 10.801, 115.547

Rectangle

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



38, 11.187, 297.993



38, 11.187, 347.993



38, 11.187, 117.993



38, 11.187, 167.993

Sweetspot

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



38, 11.186, 297.991



55, 3.993, 297.061



42, 6.138, 216.011



28, 2.706, 297.098



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



38, 11.186, 297.991



47, 17.261, 298.383



39, 12.122, 315.338



20, 3.673, 297.343



12, 74.270, 307.251



32, 128.478, 306.901

Inverse Universe

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



39, 11.836, 330.358



49, 18.138, 330.628



43, 11.955, 133.971



21, 3.927, 329.872



26, 57.457, 335.830



56, 98.163, 336.364

Previews

White Background



This preview shows how the CIE LCh color 38, 11.187, 297.993 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 38, 11.187, 297.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

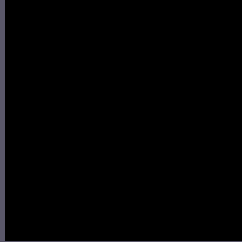
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 11.187, 297.993

Background



This preview shows how black text looks on a background with the CIELCh color 38, 11.187, 297.993.

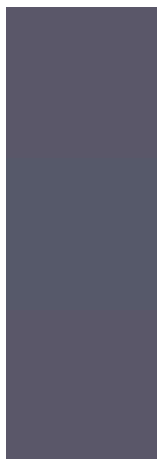


This preview shows how white text looks on a background with the CIELCh color 38, 11.187, 297.993.

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, 11.187, 297.993

Protanopia

38, 10.497, 285.440

Deuteranopia

38, 11.187, 297.993



Tritanopia
38, 4.310, 290.869

Trichromacy



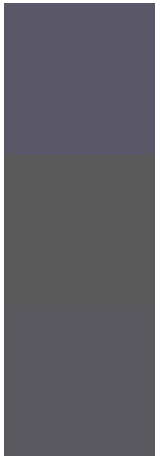
Original Color
38, 11.187, 297.993

Protanomaly
38, 11.088, 291.922

Deuteranomaly
38, 11.187, 297.993

Tritanomaly
38, 6.800, 294.667

Monochromacy



Original Color
38, 11.187, 297.993

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 4.335, 296.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 11.187, 297.993 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(90, 87, 105)` looks like.

```
.text, #text, p{  
    color:rgb(90, 87, 105)  
}
```

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(90, 87, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 87, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 11.187, 297.993 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(90, 87, 105) }
```

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

```
.border{ border-color:rgb(90, 87, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 87, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 87, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 87, 105);  
box-shadow:4px 4px 4px 4px rgb(90, 87,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 11.187, 297.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 87, 105) }
```

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

```
.background{ background-color: rgb(90, 87,  
105) }
```

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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