

Converting Colors

CIELCh(38, 12.111, 307.619)

Have a look what the booklet for
CIELCh(38, 12.111, 307.619)
contains.

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Color

CIELCh(38, 12.192, 307.131)

Conversions

Conversions Part 1

Format	Color
Hex	5E5669
RGB	94, 86, 105
RGB Percent	37%, 34%, 41%
CMY	0.6308, 0.6622, 0.5877
CMYK	0.10, 0.18, 0.00, 0.59
HSL	265°, 10%, 38%
HSV	265°, 18%, 41%
XYZ	10.5270, 10.0881, 14.7961
YIQ	90.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

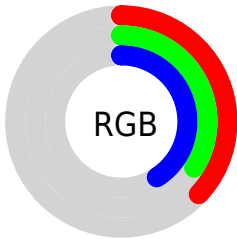
Format	Color
RYB	94, 86, 105
Decimal	6182505
CIELab	38.00, 7.36, -9.72
CIELCh	38, 12.192, 307.131
Yxy	10.0881, 0.2973, 0.2849
Android (android.graphics.Color)	4284372585 (0xFF5E5669)
YUV	90.5580, 7.1199, 3.0186
Hunter-Lab	31.7617, 3.5784, -5.3870

Details

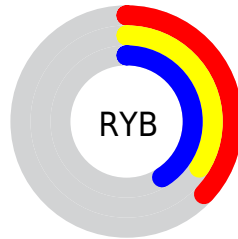
The CIELCh color $[38, 12.192, 307.131]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[43, 11.864, 125.442]$, and the grayscale version is $[39, 0.005, 296.813]$.

A 20% lighter version of the original color is $[58, 11.826, 306.141]$, and $[18, 12.193, 307.290]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 19.204, 307.681]$, and if you desaturate by 10%, it is $[42, 5.368, 306.622]$.

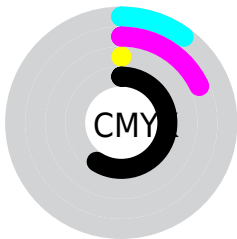
Distribution



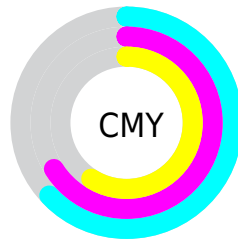
- Red (37%)
- Green (34%)
- Blue (41%)



- Red (37%)
- Yellow (34%)
- Blue (41%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (59%)





- Cyan (63%)
- Magenta (66%)
- Yellow (59%)
- Black (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 12.192, 307.131 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, 12.192, 307.131 by changing the saturation by 10% instead.


 38, 12.192,
307.131


 38, 12.192,
307.131

 100, 12.192,
307.131


 28, 12.192,
307.131

 58, 12.192,
307.131


 18, 12.192,
307.131


 68, 12.192,
307.131

 8, 12.192, 307.131

 78, 12.192,
307.131

 0, 12.192, 307.131

 88, 12.192,
307.131

 98, 12.192,
307.131

■ 38, 12.192,
307.131

■ 38, 12.192,
307.131

■ 34, 19.204,
307.681

■ 42, 5.368, 306.622

■ 31, 26.378,
308.272

■ 45, 1.254, 126.227

■ 49, 7.672, 125.787

■ 27, 33.650,
308.887

■ 52, 13.892,
125.428

■ 24, 40.905,
309.496

■ 56, 19.922,
125.115

■ 21, 47.942,
310.051

■ 59, 25.771,
124.841

■ 18, 54.444,
310.477

■ 63, 31.447,
124.603

■ 16, 59.962,
310.670

■ 66, 36.961,
124.397

■ 13, 64.734,

310.762

70, 42.322,
124.220

13, 65.745,
310.829

Harmonies

Complementary

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



38, 12.192, 307.131



43, 11.864, 125.442

Rectangle

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



38, 12.192, 307.131



38, 12.192, 357.131



38, 12.192, 127.131



38, 12.192, 177.131

Sweetspot

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



38, 12.191, 307.130



55, 4.132, 306.479



41, 6.399, 248.056



28, 2.800, 306.504



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, 12.191, 307.130



48, 18.638, 307.375



39, 13.677, 323.011



20, 3.798, 306.667



15, 71.158, 310.692



37, 123.285, 310.063

Inverse Universe

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



39, 10.461, 340.963



49, 15.935, 341.343



43, 13.628, 141.240



21, 3.277, 340.234



24, 49.140, 353.297



53, 83.755, 355.393

Previews

White Background



This preview shows how the CIELCh color 38, 12.192, 307.131 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, 12.192, 307.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

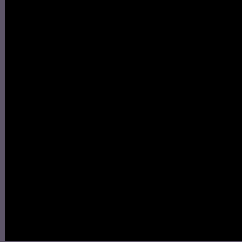
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 12.192, 307.131

Background



This preview shows how black text looks on a background with the CIELCh color 38, 12.192, 307.131.



This preview shows how white text looks on a background with the CIELCh color 38, 12.192, 307.131.

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, 12.192, 307.131

Protanopia

38, 11.106, 285.914

Deuteranopia

38, 11.239, 300.005



Tritanopia
38, 4.642, 311.794

Trichromacy



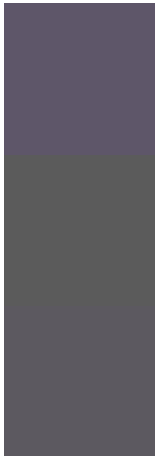
Original Color
38, 12.192, 307.131

Protanomaly
38, 11.101, 293.940

Deuteranomaly
38, 11.305, 302.005

Tritanomaly
38, 7.826, 309.570

Monochromacy



Original Color
38, 12.192, 307.131

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 4.498, 306.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 12.192, 307.131 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(94, 86, 105)` looks like.

```
.text, #text, p{  
    color:rgb(94, 86, 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(94, 86, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 86, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 12.192, 307.131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

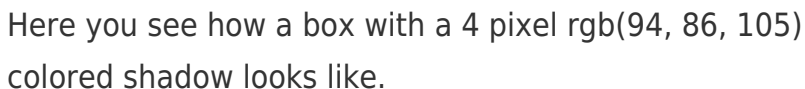
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 86, 105) }
```

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

```
.border{ border-color:rgb(94, 86, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 86, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 86, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 86, 105);  
box-shadow:4px 4px 4px 4px rgb(94, 86,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 12.192, 307.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 86, 105) }
```

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

```
.background{ background-color: rgb(94, 86,  
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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