

Converting Colors

CIELCh(38, 5.129, 80.634)

Have a look what the booklet for
CIELCh(38, 5.129, 80.634) contains.

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Color

CIELCh(38, 5.366, 85.147)

Conversions

Conversions Part 1

Format	Color
Hex	5E5951
RGB	94, 89, 81
RGB Percent	37%, 35%, 32%
CMY	0.6319, 0.6515, 0.6829
CMYK	0.00, 0.05, 0.14, 0.63
HSL	37°, 7%, 34%
HSV	37°, 14%, 37%
XYZ	9.6446, 10.0881, 9.1984
YIQ	89.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

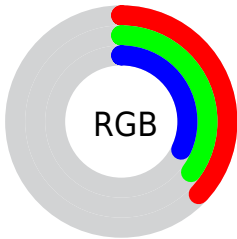
Format	Color
RYB	89, 94, 81
Decimal	6183249
CIELab	38.00, 0.45, 5.35
CIELCh	38, 5.366, 85.147
Yxy	10.0881, 0.3334, 0.3487
Android (android.graphics.Color)	4284373329 (0xFF5E5951)
YUV	89.5830, -4.2314, 3.8737
Hunter-Lab	31.7617, -1.3805, 5.0625

Details

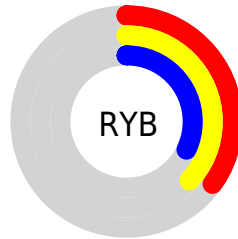
The CIELCh color **38, 5.366, 85.147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 5.314, 268.604**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 5.468, 87.956**, and **18, 5.856, 88.503** is the 20% darker color. If you saturate the color by 10%, you get **37, 9.367, 83.953**, and if you desaturate by 10%, it is **39, 1.468, 86.265**.

Distribution



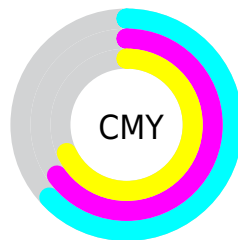
- Red (37%)
- Green (35%)
- Blue (32%)



- Red (35%)
- Yellow (37%)
- Blue (32%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (63%)



- Cyan (63%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 5.366, 85.147 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, 5.366, 85.147 by changing the saturation by 10% instead.

 38, 5.366, 85.147  38, 5.366, 85.147

 100, 5.366, 85.147  28, 5.366, 85.147

 58, 5.366, 85.147  18, 5.366, 85.147


 68, 5.366, 85.147  8, 5.366, 85.147

 78, 5.366, 85.147  0, 5.366, 85.147

 88, 5.366, 85.147

 98, 5.366, 85.147

 38, 5.366, 85.147  38, 5.366, 85.147

 37, 9.367, 83.953  39, 1.468, 86.265

 35, 13.468, 82.706  41, 2.333, 267.588

■ 34, 17.656, 81.423

■ 42, 6.041, 268.648

■ 33, 21.901, 80.104

■ 43, 9.663, 269.696

■ 32, 26.139, 78.736

■ 45, 13.207,
270.705

■ 31, 30.249, 77.287

■ 46, 16.680,
271.670

■ 29, 34.017, 75.689

■ 28, 37.298, 73.928

■ 48, 20.087,
272.590

■ 28, 39.381, 72.991

■ 49, 23.436,
273.465

■ 51, 26.731,
274.297

Harmonies

Complementary

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



38, 5.366, 85.147



36, 5.314, 268.604

Rectangle

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



38, 5.366, 85.147



38, 5.366, 135.147



38, 5.366, 265.147



38, 5.366, 315.147

Sweetspot

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



38, 5.367, 85.161



51, 1.901, 86.239



36, 6.476, 350.565



25, 1.340, 86.187



77, 0.009, 296.813



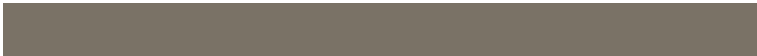
26, 0.004, 296.813

Same Dimension

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



38, 5.367, 85.161



49, 8.240, 84.721



39, 7.918, 113.066



18, 2.117, 85.744



33, 44.319, 72.497



68, 78.279, 70.271

Inverse Universe

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



36, 5.314, 268.604



46, 8.129, 269.127



35, 8.151, 295.243



17, 2.108, 267.941



19, 45.856, 291.497



44, 86.470, 294.118

Previews

White Background



This preview shows how the CIELCh color 38, 5.366, 85.147 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, 5.366, 85.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

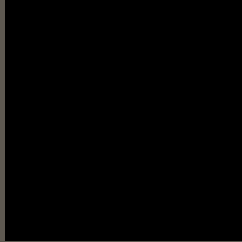
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 5.366, 85.147

Background



This preview shows how black text looks on a background with the CIELCh color 38, 5.366, 85.147.

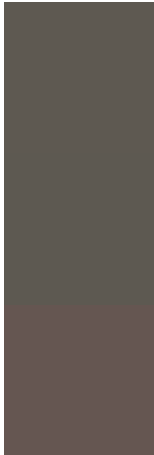


This preview shows how white text looks on a background with the CIELCh color 38, 5.366, 85.147.

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

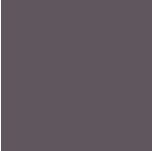
38, 5.366, 85.147

Protanopia

38, 5.201, 89.611

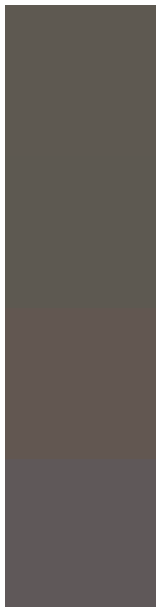
Deuteranopia

38, 7.370, 44.651



Tritanopia
38, 5.756, 331.836

Trichromacy



Original Color

38, 5.366, 85.147

Protanomaly

38, 5.201, 89.611

Deuteranomaly

38, 6.119, 56.706

Tritanomaly

38, 3.062, 8.201

Monochromacy



Original Color

38, 5.366, 85.147

Achromatopsia

38, 0.005, 296.813

Achromatomaly

38, 2.021, 84.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 5.366, 85.147 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, 89, 81)` looks like.

```
.text, #text, p{  
    color:rgb(94, 89, 81)  
}
```

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, 89, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 89, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 5.366, 85.147 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, 89, 81) }
```

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

```
.border{ border-color:rgb(94, 89, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 89, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 89, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 89, 81);  
box-shadow:4px 4px 4px 4px rgb(94, 89, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 5.366, 85.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 89, 81) }
```

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

```
.background{ background-color: rgb(94, 89,  
81) }
```

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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