

Converting Colors

CIELCh(38, 5.162, 40.767)

Have a look what the booklet for
CIELCh(38, 5.162, 40.767) contains.

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Color

CIELCh(38, 5.162, 40.767)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 625754 |
| RGB | 98, 87, 84 |
| RGB Percent | 38%, 34%, 33% |
| CMY | 0.6151, 0.6582, 0.6700 |
| CMYK | 0.00, 0.11, 0.14, 0.62 |
| HSL | 13°, 8%, 36% |
| HSV | 13°, 14%, 38% |
| XYZ | 10.0797, 10.0881, 9.8338 |
| YIQ | 89.9470, 7.5190, 1.3990 |

Conversions

Conversions Part 2

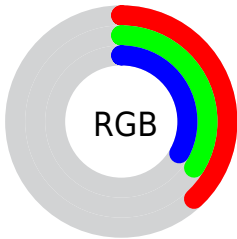
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 98, 88, 84 |
| Decimal | 6444884 |
| CIE Lab | 38.00, 3.91, 3.37 |
| CIE LCh | 38, 5.162, 40.767 |
| Yxy | 10.0881, 0.3360, 0.3363 |
| Android (android.graphics.Color) | 4284634964 (0xFF625754) |
| YUV | 89.9470, -2.9319, 7.0625 |
| Hunter-Lab | 31.7617, 1.0648, 3.8762 |

Details

The CIELCh color **38, 5.162, 40.767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 4.747, 221.740**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 5.324, 44.899**, and **18, 4.979, 44.618** is the 20% darker color. If you saturate the color by 10%, you get **36, 9.124, 40.688**, and if you desaturate by 10%, it is **41, 1.486, 40.839**.

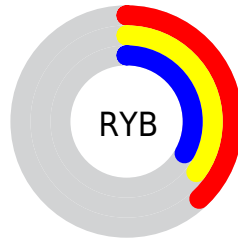
Distribution



Red (38%)

Green (34%)

Blue (33%)



Red (38%)

Yellow (35%)

Blue (33%)

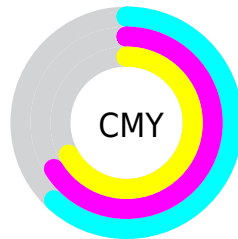


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (62%)



Cyan (62%)

Magenta (66%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 5.162, 40.767 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, 5.162, 40.767 by changing the saturation by 10% instead.

■ 38, 5.162, 40.767 ■ 38, 5.162, 40.767

■ 100, 5.162, 40.767 ■ 28, 5.162, 40.767

■ 58, 5.162, 40.767 ■ 18, 5.162, 40.767

■ 68, 5.162, 40.767 ■ 8, 5.162, 40.767

■ 78, 5.162, 40.767 ■ 0, 5.162, 40.767

■ 88, 5.162, 40.767

■ 98, 5.162, 40.767

■ 38, 5.162, 40.767 ■ 38, 5.162, 40.767

■ 36, 9.124, 40.688 ■ 41, 1.486, 40.839

■ 33, 13.394, 40.692 ■ 43, 1.928, 221.499

31, 17.984, 40.833

46, 5.107, 221.722

29, 22.892, 41.142

48, 8.076, 222.061

26, 28.087, 41.638

51, 10.860,
222.437

24, 33.489, 42.312

53, 13.479,
222.832

23, 38.902, 43.048

21, 43.289, 42.717

56, 15.954,
223.237

21, 45.549, 42.660

59, 18.301,
223.647

61, 20.536,
224.056

Harmonies

Complementary

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



38, 5.162, 40.767



40, 4.747, 221.740

Rectangle

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



38, 5.162, 40.767



38, 5.162, 90.767



38, 5.162, 220.767



38, 5.162, 270.767

Sweetspot

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



38, 5.162, 40.782



52, 1.726, 40.834



37, 9.090, 331.340



26, 1.219, 40.848



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, 5.162, 40.782



48, 7.721, 40.744



40, 6.221, 92.047



19, 1.967, 40.846



24, 51.451, 43.477



53, 94.635, 43.549

Inverse Universe

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



40, 4.747, 221.740



50, 6.956, 221.883



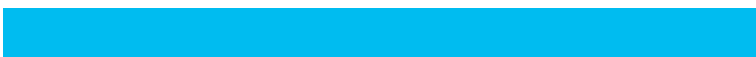
38, 6.239, 275.476



19, 1.870, 221.555



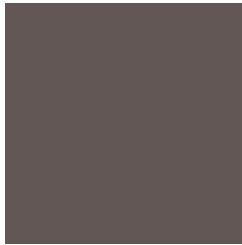
34, 24.047, 236.670



71, 42.387, 239.460

Previews

White Background



This preview shows how the CIELCh color 38, 5.162, 40.767 looks on a white background.

Color Contrast Check

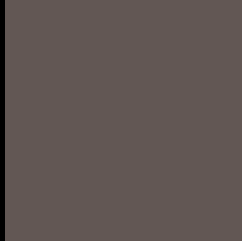
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.162, 40.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

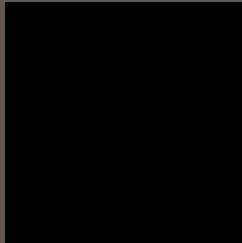
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 5.162, 40.767

Background



This preview shows how black text looks on a background with the CIELCh color 38, 5.162, 40.767.



This preview shows how white text looks on a background with the CIELCh color 38, 5.162, 40.767.

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, 5.162, 40.767

Protanopia

38, 2.763, 81.789

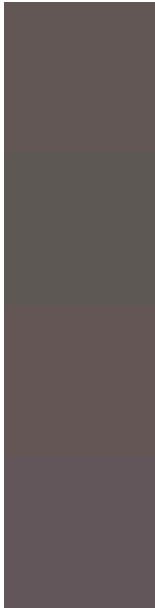
Deuteranopia

38, 6.280, 31.407



Tritanopia
38, 7.006, 342.602

Trichromacy



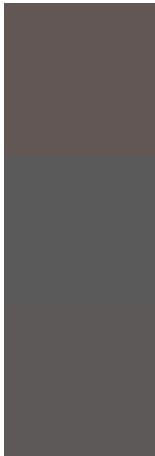
Original Color
38, 5.162, 40.767

Protanomaly
38, 3.179, 54.910

Deuteranomaly
38, 5.840, 32.207

Tritanomaly
38, 6.098, 356.569

Monochromacy



Original Color
38, 5.162, 40.767

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 1.812, 39.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 5.162, 40.767 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(98, 87, 84)` looks like.

```
.text, #text, p{  
    color:rgb(98, 87, 84)  
}
```

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(98, 87, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 87, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 5.162, 40.767 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(98, 87, 84) }
```

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

```
.border{ border-color:rgb(98, 87, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 87, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 87, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 87, 84);  
box-shadow:4px 4px 4px 4px rgb(98, 87, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 5.162, 40.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 87, 84) }
```

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

```
.background{ background-color: rgb(98, 87,  
84) }
```

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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