

Converting Colors

CIELCh(38, 14.662, 341.402)

Have a look what the booklet for
CIELCh(38, 14.662, 341.402)
contains.

CIELCh(38, 14.277, 341.575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(38, 14.277, 341.575)

Conversions

Conversions Part 1

Format	Color
Hex	6C5261
RGB	108, 82, 97
RGB Percent	42%, 32%, 38%
CMY	0.5764, 0.6784, 0.6196
CMYK	0.00, 0.24, 0.10, 0.58
HSL	325°, 14%, 37%
HSV	325°, 24%, 42%
XYZ	11.3617, 10.0881, 12.6599
YIQ	91.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

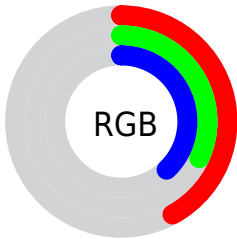
Format	Color
R_{YB}	108, 82, 97
Decimal	7098977
CIE _{Lab}	38.00, 13.55, -4.51
CIE _{LCh}	38, 14.277, 341.575
Yxy	10.0881, 0.3331, 0.2958
Android (android.graphics.Color)	4285289057 (0xFF6C5261)
YUV	91.4840, 2.7194, 14.4845
Hunter-Lab	31.7617, 8.2693, -1.3993

Details

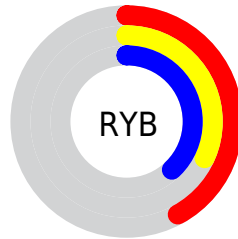
The CIELCh color $[38, 14.277, 341.575]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[43, 14.006, 157.823]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 14.218, 341.352]$, and $[18, 14.275, 340.963]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 20.249, 342.483]$, and if you desaturate by 10%, it is $[41, 8.288, 340.745]$.

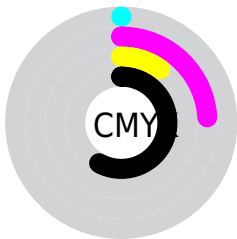
Distribution



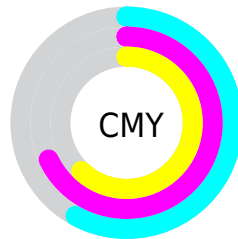
- Red (42%)
- Green (32%)
- Blue (38%)



- Red (42%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (58%)





- Cyan (58%)
- Magenta (68%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 14.277, 341.575 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, 14.277, 341.575 by changing the saturation by 10% instead.


 38, 14.277,
341.575


 38, 14.277,
341.575

 100, 14.277,
341.575


 28, 14.277,
341.575

 58, 14.277,
341.575


 18, 14.277,
341.575


 68, 14.277,
341.575

 8, 14.277, 341.575

 78, 14.277,
341.575

 0, 14.277, 341.575

 88, 14.277,
341.575

 98, 14.277,
341.575

38, 14.277,
341.575

38, 14.277,
341.575

35, 20.249,
342.483

41, 8.288, 340.745

32, 26.077,
343.490

44, 2.376, 339.919

30, 31.572,
344.632

48, 3.408, 159.396

27, 36.495,
345.955

54, 14.486,
158.093

25, 40.574,
347.526

58, 19.765,
157.525

24, 43.555,
349.436

61, 24.875,
156.995

23, 45.369,
351.756

64, 29.821,
156.499

22, 46.373,

68, 34.616,

353.148

156.034

Harmonies

Complementary

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



38, 14.277, 341.575



43, 14.006, 157.823

Rectangle

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



38, 14.277, 341.575



38, 14.277, 31.575



38, 14.277, 161.575



38, 14.277, 211.575

Sweetspot

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



38, 14.275, 341.576



56, 5.077, 340.192



37, 16.732, 307.309



28, 3.326, 340.222



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



38, 14.275, 341.576



47, 21.351, 342.084



38, 11.578, 14.592



21, 3.272, 340.335



24, 49.098, 353.469



53, 83.690, 355.581

Inverse Universe

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



38, 14.275, 341.576



47, 21.351, 342.084



44, 10.200, 190.860



21, 3.272, 340.335



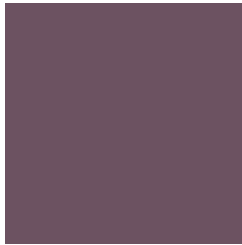
24, 49.098, 353.469



53, 83.690, 355.581

Previews

White Background



This preview shows how the CIE LCh color 38, 14.277, 341.575 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, 14.277, 341.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

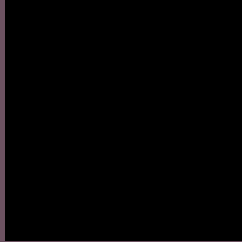
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 14.277, 341.575

Background



This preview shows how black text looks on a background with the CIELCh color 38, 14.277, 341.575.



This preview shows how white text looks on a background with the CIELCh color 38, 14.277, 341.575.

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, 14.277, 341.575

Protanopia

38, 7.387, 288.242

Deuteranopia

38, 6.495, 321.797



Tritanopia
38, 11.211, 358.706

Trichromacy



Original Color
38, 14.277, 341.575

Protanomaly
38, 9.426, 314.435

Deuteranomaly
38, 9.261, 333.888

Tritanomaly
38, 11.932, 350.413

Monochromacy



Original Color
38, 14.277, 341.575

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 4.907, 341.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 14.277, 341.575 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(108, 82, 97)` looks like.

```
.text, #text, p{  
    color:rgb(108, 82, 97)  
}
```

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(108, 82, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 82, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 14.277, 341.575 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(108, 82, 97) }
```

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

```
.border{ border-color:rgb(108, 82, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 82, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 82, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 82, 97);  
box-shadow:4px 4px 4px 4px rgb(108, 82,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 14.277, 341.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 82, 97) }
```

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

```
.background{ background-color: rgb(108, 82,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor