

Converting Colors

CIELCh(38, 14.811, 176.155)

Have a look what the booklet for
CIELCh(38, 14.811, 176.155)
contains.

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Color

CIELCh(38, 14.940, 175.651)

Conversions

Conversions Part 1

Format	Color
Hex	3D6057
RGB	61, 96, 87
RGB Percent	24%, 38%, 34%
CMY	0.7601, 0.6228, 0.6581
CMYK	0.36, 0.00, 0.09, 0.62
HSL	165°, 22%, 31%
HSV	165°, 36%, 38%
XYZ	7.8627, 10.0881, 10.5881
YIQ	84.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

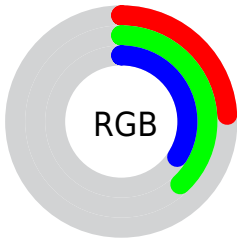
Format	Color
RYB	61, 81, 96
Decimal	4022359
CIELab	38.00, -14.90, 1.13
CIElCh	38, 14.940, 175.651
Yxy	10.0881, 0.2755, 0.3535
Android (android.graphics.Color)	4282212439 (0xFF3D6057)
YUV	84.5090, 1.2281, -20.6174
Hunter-Lab	31.7617, -11.3949, 2.4683

Details

The CIELCh color **38, 14.940, 175.651** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 16.810, 2.923**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 15.039, 175.716**, and **18, 14.688, 177.134** is the 20% darker color. If you saturate the color by 10%, you get **37, 18.594, 174.562**, and if you desaturate by 10%, it is **39, 11.039, 176.659**.

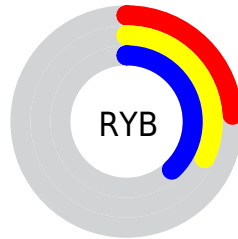
Distribution



Red (24%)

Green (38%)

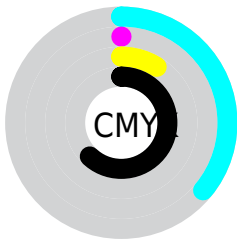
Blue (34%)



Red (24%)

Yellow (32%)

Blue (38%)

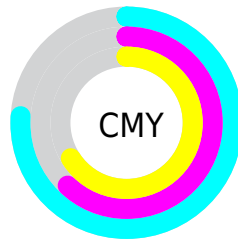


Cyan (36%)

Magenta (0%)

Yellow (9%)

Black (62%)



Cyan (76%)


Magenta (62%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 14.940, 175.651 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, 14.940, 175.651 by changing the saturation by 10% instead.


 38, 14.940,
175.651


 38, 14.940,
175.651

 100, 14.940,
175.651


 28, 14.940,
175.651

 58, 14.940,
175.651


 18, 14.940,
175.651


 68, 14.940,
175.651

 8, 14.940, 175.651

 78, 14.940,
175.651

 0, 14.940, 175.651

 88, 14.940,
175.651

 98, 14.940,
175.651

■ 38, 14.940,
175.651

■ 38, 14.940,
175.651

■ 37, 18.594,
174.562

■ 39, 11.039,
176.659

■ 37, 21.937,
173.379

■ 39, 6.952, 177.611

■ 40, 2.736, 178.556

■ 37, 24.914,
172.082

■ 41, 1.556, 359.099

■ 36, 27.482,
170.650

■ 42, 5.882, 0.031

■ 36, 29.623,
169.065

■ 43, 10.207, 0.813

■ 44, 14.503, 1.552

■ 36, 31.448,
167.401

■ 45, 18.750, 2.260

■ 36, 32.110,
166.843

■ 47, 22.933, 2.941

Harmonies

Complementary

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



38, 14.940, 175.651



30, 16.810, 2.923

Rectangle

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



38, 14.940, 175.651



38, 14.940, 225.651



38, 14.940, 355.651



38, 14.940, 45.651

Sweetspot

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



38, 14.941, 175.649



51, 5.815, 178.081



38, 24.062, 135.082



26, 3.935, 178.000



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, 14.941, 175.649



48, 21.931, 174.682



36, 11.079, 225.741



20, 2.410, 178.312



42, 35.997, 166.437



85, 64.186, 165.063

Inverse Universe

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



30, 16.810, 2.923



37, 25.449, 4.318



32, 13.960, 42.613



18, 2.478, 359.699



22, 48.109, 22.039



50, 86.203, 25.886

Previews

White Background



This preview shows how the CIELCh color 38, 14.940, 175.651 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, 14.940, 175.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

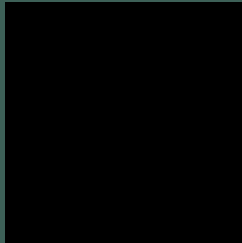
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 14.940, 175.651

Background



This preview shows how black text looks on a background with the CIELCh color 38, 14.940, 175.651.



This preview shows how white text looks on a background with the CIELCh color 38, 14.940, 175.651.

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, 14.940, 175.651

Protanopia

38, 3.894, 89.970

Deuteranopia

38, 5.483, 0.569



Tritanopia
38, 11.641, 223.393

Trichromacy



Original Color
38, 14.940, 175.651

Protanomaly
38, 6.371, 156.180

Deuteranomaly
38, 2.451, 169.065

Tritanomaly
38, 11.756, 204.009

Monochromacy



Original Color
38, 14.940, 175.651

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 5.738, 179.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 14.940, 175.651 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(61, 96, 87)` looks like.

```
.text, #text, p{  
    color:rgb(61, 96, 87)  
}
```

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(61, 96, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 96, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 14.940, 175.651 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(61, 96, 87) }
```

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

```
.border{ border-color:rgb(61, 96, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 96, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 96, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 96, 87);  
box-shadow:4px 4px 4px 4px rgb(61, 96, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 14.940, 175.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 96, 87) }
```

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

```
.background{ background-color: rgb(61, 96,  
87) }
```

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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