

Converting Colors

CIELCh(38, 16.942, 329.010)

Have a look what the booklet for
CIELCh(38, 16.942, 329.010)
contains.

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Color

CIELCh(38, 16.952, 329.178)

Conversions

Conversions Part 1

Format	Color
Hex	6B5268
RGB	107, 82, 104
RGB Percent	42%, 32%, 41%
CMY	0.5816, 0.6796, 0.5934
CMYK	0.00, 0.23, 0.03, 0.58
HSL	307°, 13%, 37%
HSV	307°, 23%, 42%
XYZ	11.5024, 10.0881, 14.3541
YIQ	91.9830, 7.8380, 12.1420

Conversions

Conversions Part 2

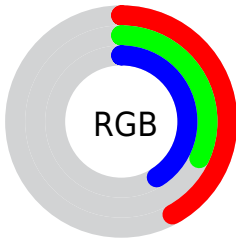
Format	Color
R_{YB}	107, 82, 104
Decimal	7033448
CIE _{Lab}	38.00, 14.56, -8.69
CIE _{LCh}	38, 16.952, 329.178
Yxy	10.0881, 0.3200, 0.2807
Android (android.graphics.Color)	4285223528 (0xFF6B5268)
YUV	91.9830, 5.9244, 13.1699
Hunter-Lab	31.7617, 9.0600, -4.5618

Details

The CIELCh color $[38, 16.952, 329.178]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[43, 16.917, 146.383]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[58, 16.693, 329.768]$, and $[18, 16.798, 328.852]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 24.144, 329.750]$, and if you desaturate by 10%, it is $[41, 9.683, 328.607]$.

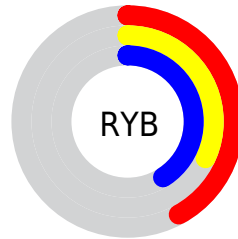
Distribution



Red (42%)

Green (32%)

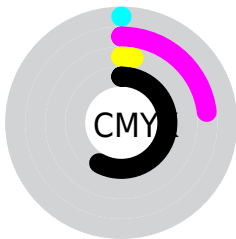
Blue (41%)



Red (42%)

Yellow (32%)

Blue (41%)

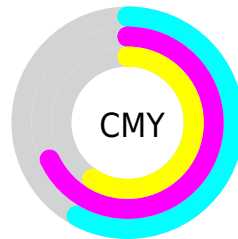


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (58%)



Cyan (58%)


Magenta (68%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 16.952, 329.178 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, 16.952, 329.178 by changing the saturation by 10% instead.


 38, 16.952,
329.178


 38, 16.952,
329.178

 100, 16.952,
329.178


 28, 16.952,
329.178

 58, 16.952,
329.178


 18, 16.952,
329.178


 68, 16.952,
329.178

 8, 16.952, 329.178

 78, 16.952,
329.178

 0, 16.952, 329.178

 88, 16.952,
329.178

 98, 16.952,
329.178

■ 38, 16.952,
329.178

■ 38, 16.952,
329.178

■ 35, 24.144,
329.750

■ 41, 9.683, 328.607

■ 44, 2.454, 327.998

■ 33, 31.106,
330.320

■ 47, 4.664, 147.573

■ 30, 37.629,
330.882

■ 50, 11.625,
147.031

■ 28, 43.459,
331.432

■ 54, 18.403,
146.527

■ 26, 48.322,
331.969

■ 57, 24.988,
146.049

■ 25, 51.970,
332.497

■ 60, 31.377,
145.596

■ 24, 54.307,
333.024

■ 63, 37.574,
145.168

■ 23, 55.662,

333.364

 67, 43.586,
144.764

Harmonies

Complementary

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



38, 16.952, 329.178



43, 16.917, 146.383

Rectangle

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



38, 16.952, 329.178



38, 16.952, 19.178



38, 16.952, 149.178



38, 16.952, 199.178

Sweetspot

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



38, 16.951, 329.178



55, 6.207, 328.244



36, 15.619, 296.793



27, 4.004, 328.264



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, 16.951, 329.178



47, 24.982, 329.483



38, 12.216, 352.624



21, 4.058, 328.349



26, 59.489, 333.425



56, 101.829, 333.774

Inverse Universe

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



38, 16.951, 329.178



47, 24.982, 329.483



43, 11.662, 168.378



21, 4.058, 328.349



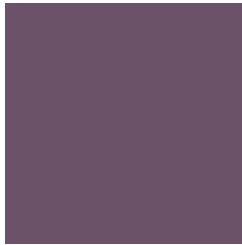
26, 59.489, 333.425



56, 101.829, 333.774

Previews

White Background



This preview shows how the CIELCh color 38, 16.952, 329.178 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, 16.952, 329.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

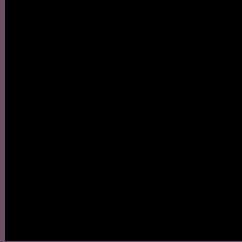
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 16.952, 329.178

Background



This preview shows how black text looks on a background with the CIELCh color 38, 16.952, 329.178.



This preview shows how white text looks on a background with the CIELCh color 38, 16.952, 329.178.

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, 16.952, 329.178

Protanopia

38, 11.751, 284.497

Deuteranopia

38, 10.098, 303.144



Tritanopia
38, 9.991, 355.550

Trichromacy



Original Color
38, 16.952, 329.178

Protanomaly
38, 12.691, 304.686

Deuteranomaly
38, 12.167, 315.352

Tritanomaly
38, 12.557, 341.959

Monochromacy



Original Color
38, 16.952, 329.178

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 6.215, 328.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 16.952, 329.178 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(107, 82, 104)` looks like.

```
.text, #text, p{  
    color:rgb(107, 82, 104)  
}
```

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(107, 82, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 82, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 16.952, 329.178 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(107, 82, 104) }
```

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

```
.border{ border-color:rgb(107, 82, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 82, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 82, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 82, 104);  
box-shadow:4px 4px 4px 4px rgb(107, 82,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 16.952, 329.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 82, 104) }
```

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

```
.background{ background-color: rgb(107, 82,  
104) }
```

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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